

HC80-2-368

Census
HD
7293
.A56x
1933
v.2
pt.363
c.2

Metropolitan Housing Characteristics

WAUSAU, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

1980

Census of Housing

Bureau of the Census
Library

U.S. Department of Commerce
BUREAU OF THE CENSUS

1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

WAUSAU, WIS.

HC80-2-368

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

Data Index

For list of contents see page IX.

	Table
Value	1, 14, 25, 36, 47, 58
Gross Rent.	2, 15, 26, 37, 48, 59
Income and Poverty Status in 1979 of Owner- Occupied Housing Units	3, 16, 27, 38, 49, 60
Income and Poverty Status in 1979 of Renter- Occupied Housing Units	4, 17, 28, 39, 50, 61
Selected Monthly Owner Costs for Mortgaged Housing Units	5, 18, 29, 40, 51, 62
Selected Monthly Owner Costs for Not Mortgaged Housing Units	6, 19, 30, 41, 52, 63
Year Structure Built.	7, 20, 31, 42, 53, 64
Units in Structure	8, 21, 32, 43, 54, 65
Size of Household	9, 22, 33, 44, 55, 66
Household Composition and Age of Householder . . .	10, 23, 34, 45, 56, 67
One-Person Households	11, 24, 35, 46, 57, 68
Duration of Vacancy	12
Price Asked and Rent Asked	13



BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, **Bruce Chapman** and Deputy Director, **C. L. Kincannon**. Primary direction of the data publication program was performed by **William P. Butz**, Associate Director for Demographic Fields, assisted by **Peter A. Bounpane**, Assistant Director for Demographic Census, in conjunction with **Barbara A. Bailar**, Associate Director for Statistical Standards and Methodology, **Howard N. Hamilton**, Acting Associate Director for Information Technology, **James D. Lincoln**, then Associate Director for Administration, and **Stanley D. Moore**, Associate Director for Field Operations. The Director's staff was assisted by **Sherry L. Courtland**. Direction of the census enumeration and early processing activities was provided by **Vincent P. Barabba**, former Director; **Daniel B. Levine**, former Deputy Director; and **George E. Hall**, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of **Stanley D. Matchett**, Chief, assisted by **Rachel F. Brown** and **Roger O. Lepage**, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: **Donald R. Dalzell**, **H. Ray Dennis**, **Stephen E. Goldman**, **Dennis W. Stoudt**, and **Richard R. Warren**.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of **Arthur F. Young**, Chief; **Leonard J. Norry**, Assistant Chief; and **William A. Downs**, Chief, Decennial Planning and Data Services Branch. This report was prepared by **Robert W. Bonnette**, **Carol A. Comisarow**, **Richard G. Knapp**, and **Charles N. Moore**. Important contributions were made by **Carmina F. Young**, Special Assistant.

Administration support was provided by the Administrative Services Division, **Robert L.**

Kirkland, Chief, and **William C. Fanning**, Assistant Chief.

Computer processing was performed in the Computer Services Division, **C. Thomas DiNenna**, Chief, **James E. Steed**, **George M. Bowden**, and **Joseph J. Sferrella**, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, **James S. Werking**, then Chief, under the direction of **Harry O'Haver**, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, **Don L. Adams**, Chief; Jeffersonville Processing Office, **Robert L. Kirkland**, then Processing Manager; New Orleans Processing Office, **Robert L. Allen**, Chief; and Laguna Niguel Processing Office, **Robert N. Scheller**, Chief.

User services were provided by the Data User Services Division under the supervision of **Michael G. Garland**, Chief, **Marshall L. Turner, Jr.**, and **Paul T. Zeisset**, Assistant Chiefs.

Data collection activities were supervised in the Field Division by **Lawrence T. Love**, Chief, under the direction of **Richard Blass**, **Charles Hancock**, and **George T. Reiner**, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of **Robert W. Marx**, Chief; **Joseph J. Knott** and **Silla G. Tomasi**, Assistant Chiefs; and **Donald I. Hirschfeld**, Special Assistant.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, **Raymond J. Koski**, Chief; **Milton S. Andersen**, **Arlene C. Duckett**, and **Gerald A. Mann**, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and

producing variance estimates. This work was supervised by **Charles D. Jones**, Chief; **Susan M. Miskura** and **Robert T. O'Reagan**, Assistant Chiefs. Important contributions were made by **David H. Diskin**, **Milton C. Fan**, **Thomas W. Harahush**, **Robert S. Jewett**, **J. Kim**, **Teresa A. Passalacqua**, **Charles E. Talbert**, **John H. Thompson**, and **Henry F. Woltman**.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, **C. Thomas DiNenna**, Acting Chief, and **Robert J. Varson**, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 2, Metropolitan housing characteristics.

HC80-2-
Issued August 1983—

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Metropolitan housing characteristics.

HD7293.A6114 312'.9'0973 81-607957
AACR2

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
1	U.S. Summary	41	Rhode Island	77	Atlanta, Ga.	114	Charleston-North Charleston, S.C.
2	Alabama	42	South Carolina	78	Atlantic City, N.J.	115	Charleston, W. Va.
3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.		
4	Arizona	44	Tennessee	80	Austin, Tex.	116	Charlotte-Gastonia, N.C.
5	Arkansas	45	Texas	81	Bakersfield, Calif.	117	Charlottesville, Va.
6	California	46	Utah	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
7	Colorado	47	Vermont	83	Bangor, Maine	119	Chicago, Ill.
8	Connecticut	48	Virginia	84	Baton Rouge, La.		
9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
23	Massachusetts	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island-Moline, Iowa-Ill.
24	Michigan	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
25	Minnesota	65	Altoona, Pa.	101	Bridgeport, Conn.		
26	Mississippi			102	Bristol, Conn.	136	Daytona Beach, Fla.
27	Missouri			103	Brockton, Mass.	137	Decatur, Ill.
28	Montana	66	Amarillo, Tex.	104	Brownsville-Harlingen-San Benito, Tex.	138	Denver-Boulder, Colo.
29	Nebraska	67	Anaheim-Santa Ana-Garden Grove, Calif.	105	Bryan-College Station, Tex.	139	Des Moines, Iowa
30	Nevada					140	Detroit, Mich.
31	New Hampshire	68	Anchorage, Alaska				
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.	141	Dubuque, Iowa
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	142	Duluth-Superior, Minn.
34	New York			108	Burlington, Vt.		Wis.
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	143	Eau Claire, Wis.
		72	Anniston, Ala.	110	Canton, Ohio	144	El Paso, Tex.
36	North Dakota	73	Appleton-Oshkosh, Wis.			145	Elkhart, Ind.
37	Ohio	74	Arecibo, P.R.	111	Casper, Wyo.		
38	Oklahoma	75	Asheville, N.C.	112	Cedar Rapids, Iowa		
39	Oregon			113	Champaign-Urbana-Rantoul, Ill.	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.			147	Enid, Okla.

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
148	Erie, Pa.	187	Indianapolis, Ind.	227	Louisville, Ky.-Ind.	265	Norfolk-Virginia Beach- Portsmouth, Va.-N.C.
149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
155	Fitchburg-Leominster, Mass.	195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
				236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
156	Flint, Mich.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
159	Fort Collins, Colo.	199	Kankakee, Ill.				
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	203	Knoxville, Tenn.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	205	La Crosse, Wis.	243	Milwaukee, Wis.		
165	Fresno, Calif.			244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
		211	Lansing-East Lansing, Mich.	250	Muskegon-Norton Shores- Muskegon Heights, Mich.	287	Pittsfield, Mass.
171	Grand Forks, N.Dak.- Minn.	212	Laredo, Tex.			288	Ponce, P.R.
172	Grand Rapids, Mich.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
173	Great Falls, Mont.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
175	Green Bay, Wis.			254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
		216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
176	Greensboro-Winston-Salem- High Point, N.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio				
180	Harrisburg, Pa.			258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii			261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	224	Longview-Marshall, Tex.	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	225	Lorain-Elyria, Ohio	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
				264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.	226	Los Angeles-Long Beach, Calif.			303	Riverside-San Bernardino- Ontario, Calif.

List of HC80-2, Metropolitan Housing Characteristics, Reports

Report No.	Area	Report No.	Area	Report No.	Area	Report No.	Area
304	Roanoke, Va.	323	San Juan, P.R.	343	State College, Pa.	362	Vineland-Millville-Bridgeton, N.J.
305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.					375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		

APPENDIXES

A. Area Classifications	A-1
B. Definitions and Explanations of Subject Characteristics.	B-1
C. General Enumeration and Processing Procedures	C-1
D. Accuracy of the Data	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages	E-1
F. Publication and Computer Tape Program	F-1

Introduction

GENERAL.	VII
CONTENTS OF THE REPORT	VII
DERIVED FIGURES (Means, Medians, and Percents)	VIII
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS	VIII
SUPPRESSION OF DATA FOR CONFIDENTIALITY.	VIII

GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

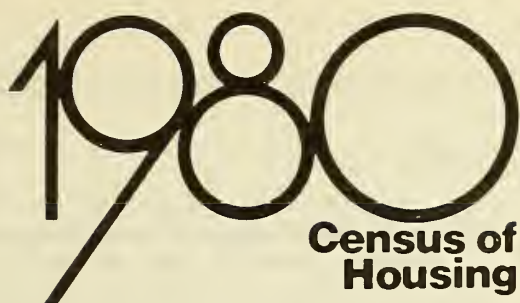
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

WAUSAU, WIS.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-368

Contents

Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables —shows the table numbers and titles for each of the 68 tables	X
Table Finding Guide —shows the tables in which the various subject cross-classifications presented in the report appear	XII
Map —Standard Metropolitan Statistical Areas, Counties, and Selected Places	XIV

INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13	Tables 14-24	Tables 25-35	Tables 36-46	Tables 47-57	Tables 58-68
		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Wausau	B	13 to 24	—	—	—	—	—

LIST OF TABLES

(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

TABLES

1. Value of Owner-Occupied Housing Units: 1980
2. Gross Rent of Renter-Occupied Housing Units: 1980
3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980
4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980
5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980
6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980
7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980
8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980
9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980
10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980
11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980
12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980
13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980
14. Value of Owner-Occupied Housing Units With a White Householder: 1980
15. Gross Rent of Renter-Occupied Housing Units With a White Householder: 1980
16. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a White Householder: 1980
17. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a White Householder: 1980

TABLES

18. Selected Monthly Owner Costs for Mortgaged Housing Units With a White Householder: 1980
19. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a White Householder: 1980
20. Year Structure Built for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
21. Units in Structure for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
22. Owner- and Renter-Occupied Housing Units With a White Householder by Size of Household: 1980
23. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
24. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a White Householder: 1980
25. Value of Owner-Occupied Housing Units With a Black Householder: 1980
26. Gross Rent of Renter-Occupied Housing Units With a Black Householder: 1980
27. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Black Householder: 1980
28. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Black Householder: 1980
29. Selected Monthly Owner Costs for Mortgaged Housing Units With a Black Householder: 1980
30. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Black Householder: 1980
31. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
32. Units in Structure for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
33. Owner- and Renter-Occupied Housing Units With a Black Householder by Size of Household: 1980
34. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980
35. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Black Householder: 1980

TABLES

36. Value of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
37. Gross Rent of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
38. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
39. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
40. Selected Monthly Owner Costs for Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
41. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
42. Year Structure Built for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
43. Units in Structure for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
44. Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder by Size of Household: 1980
45. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
46. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980
47. Value of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
48. Gross Rent of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
49. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
50. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
51. Selected Monthly Owner Costs for Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980

TABLES

52. Selected Monthly Owner Costs for Not Mortgaged Housing Units With an Asian or Pacific Islander Householder: 1980
53. Year Structure Built for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
54. Units in Structure for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
55. Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder by Size of Household: 1980
56. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
57. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With an Asian or Pacific Islander Householder: 1980
58. Value of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
59. Gross Rent of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
60. Income and Poverty Status in 1979 of Owner-Occupied Housing Units With a Spanish Origin Householder: 1980
61. Income and Poverty Status in 1979 of Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
62. Selected Monthly Owner Costs for Mortgaged Housing Units With a Spanish Origin Householder: 1980
63. Selected Monthly Owner Costs for Not Mortgaged Housing Units With a Spanish Origin Householder: 1980
64. Year Structure Built for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
65. Units in Structure for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
66. Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder by Size of Household: 1980
67. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980
68. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units With a Spanish Origin Householder: 1980

Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit.	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit.	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built.	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning.	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel.	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked.	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income.	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked.	—	—	—	—	—	—
Gross rent as percentage of household income.	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

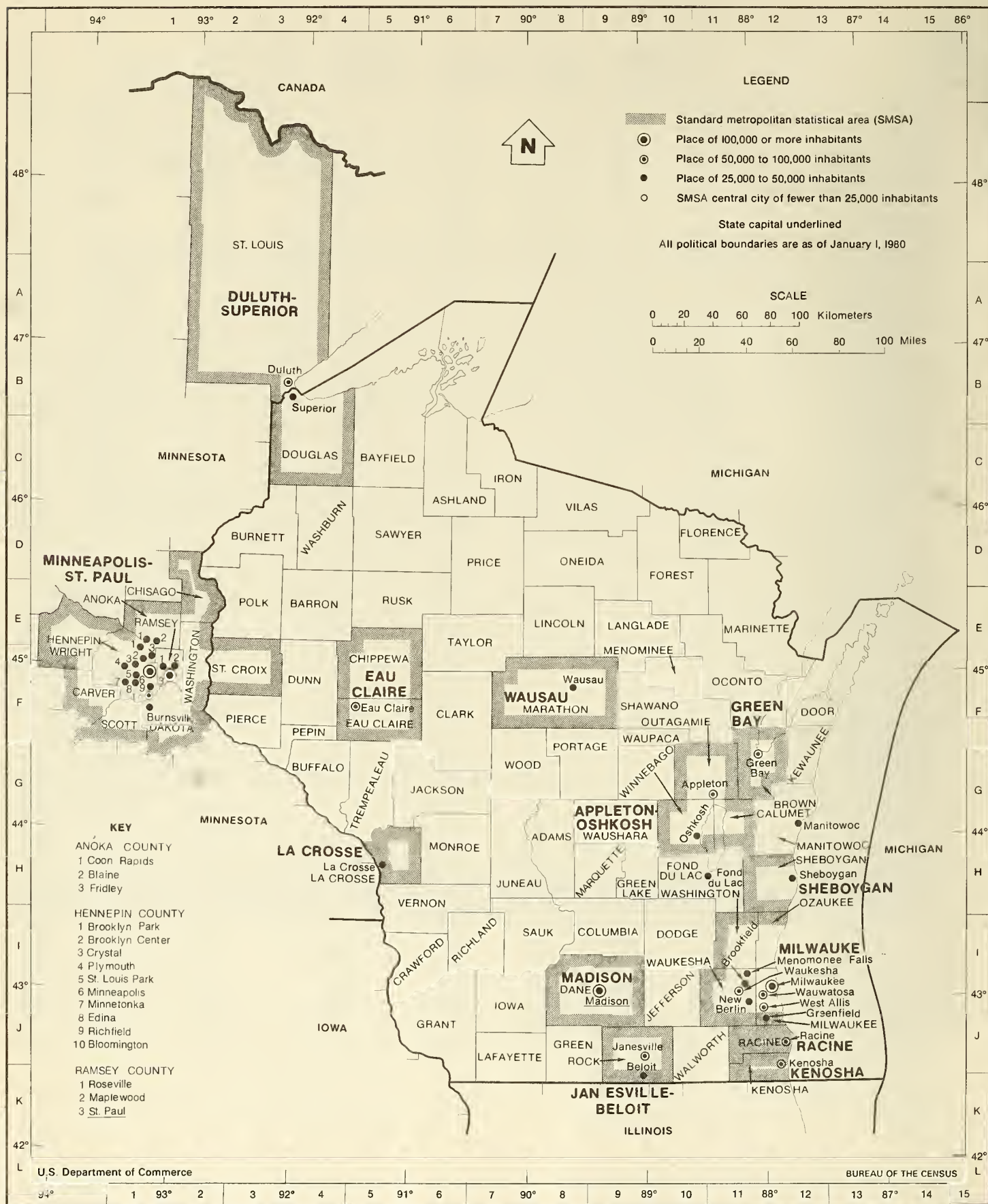
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



SMSA boundaries are as defined on June 19, 1981

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	20 326	147	1 007	2 775	4 325	4 599	3 205	3 075	722	391	80	43 900	46 900
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	15 901	50	498	1 781	3 151	3 761	2 808	2 767	674	340	71	46 500	49 400
15 to 24 years -----	466	3	25	60	170	89	75	35	9	—	—	38 700	41 000
25 to 34 years -----	4 220	10	56	335	746	1 117	847	876	189	40	4	48 700	50 600
35 to 44 years -----	3 783	7	47	210	519	914	789	890	242	153	12	52 200	56 000
45 to 64 years -----	5 193	8	171	632	1 117	1 185	893	788	220	129	50	45 300	49 400
65 years and over -----	2 239	22	199	544	599	456	204	178	14	18	5	34 900	38 000
Male householder, no wife present -----	1 111	48	104	251	224	241	121	83	6	33	—	36 800	38 900
15 to 24 years -----	57	3	—	15	19	12	8	—	—	—	—	36 500	35 800
25 to 34 years -----	208	12	12	45	31	38	28	31	2	9	—	41 100	43 200
35 to 44 years -----	154	2	13	15	33	34	20	27	2	8	—	43 900	48 100
45 to 64 years -----	283	7	32	70	42	72	40	2	2	16	—	36 000	39 700
65 years and over -----	409	24	47	106	99	85	25	23	—	—	—	33 100	33 100
Female householder, no husband present -----	3 314	49	405	743	950	597	276	225	42	18	9	34 900	37 200
15 to 24 years -----	49	3	—	8	18	20	—	—	—	—	—	38 300	34 700
25 to 34 years -----	194	3	—	14	56	48	40	22	—	11	—	44 600	48 300
35 to 44 years -----	275	2	5	22	63	94	46	36	—	7	—	44 800	47 200
45 to 64 years -----	1 107	7	85	238	336	219	97	93	32	—	—	36 500	39 300
65 years and over -----	1 689	34	315	461	477	216	93	74	10	—	9	30 700	33 000
Median age -----	47.3	66.4	66.8	61.3	53.1	44.3	41.6	40.8	40.0	42.5	54.5	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	1 848	9	37	99	331	396	359	374	145	83	15	51 200	55 600
1975 to 1978 -----	5 917	32	120	515	1 005	1 392	1 088	1 282	277	181	25	49 200	52 500
1970 to 1974 -----	3 379	16	161	364	553	854	638	583	132	57	21	47 000	49 300
1960 to 1969 -----	4 069	29	231	527	979	939	664	519	119	46	16	42 900	45 200
1959 or earlier -----	5 113	61	458	1 270	1 457	1 018	456	317	49	24	3	34 500	36 900
ROOMS													
1 to 3 rooms -----	283	40	102	49	33	27	14	12	6	—	—	20 000	26 800
4 rooms -----	1 925	48	305	561	564	312	72	55	6	2	—	30 700	31 700
5 rooms -----	5 048	18	235	830	1 452	1 402	669	399	25	18	—	39 900	40 700
6 rooms -----	5 804	27	201	738	1 209	1 455	1 251	775	111	34	3	44 800	45 500
7 rooms -----	3 642	8	116	368	699	808	599	851	143	35	15	47 500	49 900
8 or more rooms -----	3 624	6	48	229	368	595	600	983	431	302	62	59 200	64 300
Median -----	6.0	4.2	4.9	5.4	5.6	5.9	6.2	6.8	7.8	8.5+	8.5+	...	...
BEDROOMS													
None -----	13	3	—	—	4	6	—	—	—	—	—	38 800	32 100
1 -----	419	47	144	78	71	44	17	12	6	—	—	22 100	26 900
2 -----	3 953	52	417	1 077	1 121	754	254	220	14	44	—	33 300	35 700
3 -----	11 095	34	293	1 177	2 228	2 791	2 170	1 903	330	130	39	46 500	48 400
4 -----	4 086	11	114	359	801	852	653	824	293	152	27	48 700	53 600
5 or more -----	760	—	39	84	100	152	111	116	79	65	14	50 400	58 200
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	3 186	1	26	50	203	505	796	1 093	310	179	23	60 100	63 600
1970 to 1974 -----	2 201	15	50	63	216	476	598	614	138	29	2	53 800	55 500
1960 to 1969 -----	3 266	8	39	176	484	859	793	685	125	81	16	50 700	53 300
1950 to 1959 -----	3 755	17	120	509	931	1 137	542	354	84	28	33	42 300	44 800
1940 to 1949 -----	2 241	26	150	464	746	517	171	132	27	8	—	36 700	38 100
1939 or earlier -----	5 677	80	622	1 513	1 745	1 105	305	197	38	66	6	33 300	35 300
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 569	65	299	397	415	222	55	88	17	9	2	30 600	32 800
\$5,000 to \$9,999 -----	2 360	41	244	649	703	379	200	113	20	11	—	33 200	35 100
\$10,000 to \$12,499 -----	1 120	7	60	236	367	256	106	73	8	7	—	37 300	38 800
\$12,500 to \$14,999 -----	1 359	14	99	233	322	339	199	132	16	5	—	40 300	41 200
\$15,000 to \$19,999 -----	3 282	9	140	422	810	906	555	360	52	12	16	42 800	44 200
\$20,000 to \$24,999 -----	3 810	3	69	360	740	1 073	726	688	124	22	5	46 500	48 500
\$25,000 to \$34,999 -----	4 399	6	62	352	695	1 037	973	1 021	181	69	3	50 400	51 800
\$35,000 to \$49,999 -----	1 676	2	22	112	228	299	313	428	169	96	7	55 300	59 000
\$50,000 or more -----	751	—	12	14	45	88	78	172	135	160	47	76 000	82 900
Median -----	\$20 601	\$5 817	\$8 903	\$13 632	\$17 121	\$20 817	\$23 535	\$25 537	\$30 000	\$43 362	\$55 457	...	...
Mean -----	\$21 989	\$8 472	\$11 909	\$15 455	\$18 022	\$21 385	\$24 316	\$27 681	\$36 459	\$49 522	\$72 320	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	11 612	33	233	1 010	2 001	2 806	2 296	2 309	550	309	65	49 000	52 200
Less than 15 percent -----	3 208	12	72	344	571	818	585	546	114	115	31	47 300	51 500
15 to 19 percent -----	2 660	2	37	247	449	712	536	519	101	52	5	48 400	50 800
20 to 24 percent -----	2 177	5	37	138	388	487	476	446	148	44	8	50 600	53 200
25 to 29 percent -----	1 460	6	36	111	247	305	246	370	84	52	3	50 900	53 600
30 to 34 percent -----	700	3	9	33	100	172	195	130	38	11	9	51 300	54 900
35 percent or more -----	1 374	5	39	127	228	312	258	298	65	35	7	49 000	51 900
Not computed -----	33	—	3	10	18	—	—	—	—	—	2	31 100	37 400
Median -----	19.9	22.5	20.8	18.2	19.7	19.1	20.3	21.0	22.0	18.8	15.5	...	...
Not mortgaged -----	8 714	114	774	1 765	2 324	1 793	909	766	172	82	15	37 100	39 800
Less than 10 percent -----	3 172	17	196	505	784	729	421	370	97	47	6	41 000	43 800
10 to 14 percent -----	1 795	19	114	364	456	451	186	175	25	5	—	38 400	40 000
15 to 19 percent -----	1 097	15	109	232	332	165	135	75	25	9	—	36 200	38 700
20 to 24 percent -----	664	14	65	167	195	93	45	60	—	16	9	33 700	39 300
25 to 29 percent -----	589	9	104	144	154	87	57	27	2	5	—	31 900	33 900
30 to 34 percent -----	384	1	54	129	106	64	18	12	—	—	—	30 700	32 300
35 percent or more -----	965	39	132	217	279	181	47	47	23	—	—	33 500	34 800
Not computed -----	48	—	—	7	18	23	—	—	—	—	—	38 300	37 500
Median -----	13.2	22.1	18.5	15.2	14.0	11.7	10.9	10.4	10—	10—	20.8	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	20 195	115	953	2 750	4 310	4 594	3 205	3 075	722	391	80	44 100	47 100
1.01 or more persons per room -----	370	—	25	48	77	105	59	54	2	—	—	42 700	43 500
Locking complete plumbing for exclusive use -----	131	32	54	25	15	5	—	—	—	—	—	16 000	18 500
1.01 or more persons per room -----	9	—	2	3	2	1	—	—	—	—	—	21 300	23 800
Heating equipment -----	20 326	147	1 007	2 775	4 325	4 599	3 205	3 075	722	391	80	43 900	46 900
Central heating system -----	18 797	89	718	2 481	3 997	4 325	3 080	2 955	686	386	80	44 600	47 800
Air conditioning -----	3 689	—	77	391	811	825	588	579	217	149	52	46 900	52 900
Central system -----	1 037	—	13	54	133	157	192	239	130	94	25	57 900	65 800
Income in 1979 below poverty level -----	986	51	163	213	256	169	40	74	9	9	2	32 400	34 600
Percent below poverty level -----	4.9	34.7	16.2	7.7	5.9	3.7	1.2	2.4	1.2	2.			

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	8 299	487	763	1 562	2 172	1 669	705	270	162	43	466	224
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	3 016	29	127	357	768	761	427	159	143	17	228	257
15 to 24 years.....	833	3	32	89	316	247	83	26	18	2	17	244
25 to 34 years.....	1 051	7	37	115	229	311	192	57	57	7	39	268
35 to 44 years.....	377	9	10	33	76	70	83	33	37	—	26	283
45 to 64 years.....	386	—	9	48	86	65	42	35	26	3	72	260
65 years and over.....	369	10	39	72	61	68	27	8	5	5	74	221
Male householder, no wife present	1 993	135	244	555	478	373	78	25	11	13	81	202
15 to 24 years.....	684	29	75	198	213	113	38	10	—	—	8	207
25 to 34 years.....	638	6	80	164	192	147	13	4	10	7	15	213
35 to 44 years.....	214	26	12	66	23	67	7	5	—	6	2	217
45 to 64 years.....	279	48	47	87	43	20	20	—	1	—	13	167
65 years and over.....	178	26	30	40	7	26	—	6	—	—	43	163
Female householder, no husband present	3 290	323	392	650	926	535	200	86	8	13	157	211
15 to 24 years.....	863	16	64	210	356	151	23	18	4	13	8	221
25 to 34 years.....	788	8	100	152	254	156	79	39	—	—	—	229
35 to 44 years.....	263	6	10	41	57	54	67	13	—	—	15	257
45 to 64 years.....	458	48	59	93	123	67	31	7	—	—	30	206
65 years and over.....	918	245	159	154	136	107	—	9	4	—	104	154
Median age	30.9	67.4	34.6	29.4	27.0	29.3	32.5	33.6	33.5	28.6	63.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	4 027	137	275	619	1 136	1 024	438	182	132	31	53	242
1975 to 1978.....	2 728	174	245	582	765	496	248	76	29	4	109	219
1970 to 1974.....	697	79	145	169	145	87	11	6	1	5	49	170
1960 to 1969.....	491	58	60	138	93	45	6	6	—	3	82	176
1959 or earlier.....	356	39	38	54	33	17	2	—	—	—	173	163
ROOMS												
1 room.....	167	92	27	37	6	—	—	—	2	—	3	96
2 rooms.....	446	70	87	130	106	35	—	—	—	—	18	170
3 rooms.....	1 578	189	324	456	431	98	9	8	—	—	63	173
4 rooms.....	3 088	112	226	538	984	899	184	25	9	3	108	232
5 rooms.....	1 716	16	76	281	400	414	254	108	56	8	103	254
6 rooms.....	787	4	11	89	160	156	178	71	51	17	50	280
7 or more rooms.....	517	4	12	31	85	67	80	66	36	15	121	299
Median	4.1	2.9	3.3	3.8	4.1	4.3	5.1	5.5	5.6	6.1	4.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	8 299	487	763	1 562	2 172	1 669	705	270	162	43	466	224
Complete plumbing for exclusive use	7 900	369	667	1 536	2 086	1 643	705	270	162	43	419	227
0.50 or less.....	5 493	322	560	1 287	1 422	1 052	352	104	55	22	317	214
0.51 to 1.00.....	2 259	47	98	231	619	565	335	155	98	21	90	257
1.01 to 1.50.....	110	—	9	12	27	13	11	7	—	—	11	253
1.51 or more.....	38	—	—	6	18	6	5	—	2	—	1	217
Lacking complete plumbing for exclusive use	399	118	96	26	86	26	—	—	—	—	47	133
0.50 or less.....	237	32	75	12	62	26	—	—	—	—	30	148
0.51 to 1.00.....	158	86	21	13	23	—	—	—	—	—	15	94
1.01 to 1.50.....	2	—	—	1	1	—	—	—	—	—	—	195
1.51 or more.....	2	—	—	—	—	—	—	—	—	—	2	—
Income in 1979 below poverty level	1 459	172	130	242	421	219	99	69	8	—	99	218
Complete plumbing for exclusive use	1 343	119	109	223	414	219	99	69	8	—	83	223
1.01 or more persons per room.....	37	—	—	6	18	1	—	8	—	—	4	220
Lacking complete plumbing for exclusive use	116	53	21	19	7	—	—	—	—	—	16	98
1.01 or more persons per room.....	3	—	—	—	1	—	—	—	—	—	2	213
BEDROOMS												
None.....	200	92	36	61	6	—	—	—	2	—	3	121
1.....	2 331	272	443	712	581	195	7	5	7	—	109	176
2.....	4 113	113	255	628	1 325	1 125	374	87	25	3	178	236
3.....	1 306	8	19	141	213	305	258	155	104	20	83	286
4.....	272	—	4	13	32	34	58	18	22	20	71	315
5 or more.....	77	2	6	7	15	10	8	5	2	—	22	245
UNITS IN STRUCTURE												
1, detached or attached.....	2 115	26	87	244	419	341	332	198	137	41	290	267
2.....	2 730	86	297	649	768	481	245	61	19	—	124	215
3 and 4.....	875	13	146	299	248	102	58	—	1	2	6	197
5 to 9.....	1 026	78	63	147	295	406	28	7	2	—	—	240
10 to 49.....	901	109	96	154	292	209	24	—	2	—	15	214
50 or more.....	365	169	50	26	58	57	—	—	—	—	5	104
Mobile home or trailer, etc.....	287	6	24	43	92	73	18	4	1	—	26	231
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 535	122	101	74	388	508	202	52	49	8	31	257
1970 to 1974.....	877	36	48	127	251	259	93	2	34	7	20	245
1960 to 1969.....	825	114	46	117	195	174	73	23	12	7	64	226
1950 to 1959.....	760	6	42	195	218	148	62	38	12	—	39	219
1940 to 1949.....	1 020	18	53	195	349	154	107	53	26	—	65	226
1939 or earlier.....	3 282	191	473	854	771	426	168	102	29	21	247	200
STORIES IN STRUCTURE												
1 to 3.....	7 985	334	734	1 551	2 113	1 612	705	270	162	43	461	226
4 or more.....	314	153	29	11	59	57	—	—	—	—	5	101
With elevator.....	296	153	23	11	52	57	—	—	—	—	—	88
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 618	134	222	426	397	299	106	14	10	—	...	203
15 to 19 percent.....	1 394	53	131	271	351	363	140	40	33	6	...	233
20 to 24 percent.....	1 311	124	98	223	332	317	132	28	44	13	...	235
25 to 29 percent.....	844	103	68	150	244	145	79	39	14	2	...	221
30 to 34 percent.....	501	24	63	70	169	89	44	30	12	—	...	221
35 to 49 percent.....	916	32	138	154	250	201	62	37	32	10	...	228
50 percent or more.....	1 226	15	41	255	423	249	142	82	17	2	...	235
Not computed.....	489	2	2	7	6	6	—	—	—	—	466	227
Median	23.4	22.2	21.4	21.7	25.1	22.7	24.0	32.3	24.3	22.1	...	...
SELECTED CHARACTERISTICS												
Heating equipment	8 296	487	760	1 562	2 172	1 669	705	270	162	43	466	224
Central heating system.....	7 255	453	595	1 248	1 938	1 562	644	245	153	38	379	228
Air conditioning	1 541	40	94	209	383	573	118	17	27	2	82	250
Central system.....	210	17	8	31	47	65	19	6	3	2	12	247

Table A —3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	28 646	2 488	3 752	1 802	1 963	4 653	4 910	5 677	2 257	1 144	19 624	21 534	1 921
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	22 303	725	2 174	1 165	1 566	3 868	4 351	5 266	2 128	1 060	21 847	24 097	913
15 to 24 years	753	7	65	85	95	233	156	94	8	10	17 340	18 432	14
25 to 34 years	5 338	109	168	212	409	1 325	1 417	1 342	263	93	21 647	22 635	174
35 to 44 years	5 115	121	136	170	216	799	1 138	1 616	634	285	24 895	27 237	228
45 to 64 years	7 738	220	486	300	478	1 100	1 420	2 008	1 333	593	24 511	27 627	299
65 years and over	3 359	268	1 319	398	368	411	220	206	90	79	10 581	14 778	198
Male householder, no wife present	2 007	361	466	179	128	364	214	188	58	49	12 465	15 032	243
15 to 24 years	148	25	21	29	14	35	17	5	2	—	12 414	12 599	25
25 to 34 years	381	8	42	54	40	104	65	44	11	13	17 114	19 025	17
35 to 44 years	287	35	36	24	38	44	45	37	13	15	16 010	19 206	31
45 to 64 years	550	70	98	36	25	128	66	74	32	21	16 983	18 340	69
65 years and over	641	223	269	36	11	53	21	28	—	—	6 636	8 513	101
Female householder, no husband present	4 336	1 402	1 112	458	269	421	345	223	71	35	8 128	11 363	765
15 to 24 years	103	21	38	17	6	11	5	5	—	—	9 395	10 344	36
25 to 34 years	286	37	74	43	34	21	42	17	7	11	11 860	18 964	60
35 to 44 years	387	34	66	69	28	86	46	38	13	7	14 688	16 086	39
45 to 64 years	1 376	335	281	183	101	161	158	114	26	17	10 984	13 480	275
65 years and over	2 184	975	653	146	100	142	94	49	25	—	5 625	8 245	355
Median age	48.2	67.9	67.4	55.4	50.1	40.4	40.4	42.7	47.3	48.7	...	...	57.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 686	141	181	212	218	557	515	547	180	135	20 343	23 157	176
1975 to 1978	7 832	340	612	460	526	1 542	1 726	1 775	577	274	21 226	23 031	374
1970 to 1974	4 650	280	467	282	299	774	642	1 084	399	223	21 220	23 007	283
1960 to 1969	5 481	448	707	260	304	776	988	1 222	552	224	21 152	22 533	350
1959 or earlier	7 997	1 279	1 785	588	616	1 004	839	1 049	549	288	13 906	17 983	738
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	28 124	2 323	3 614	1 741	1 944	4 597	4 877	5 646	2 244	1 138	19 822	21 728	1 785
1.01 or more persons per room	649	8	31	32	38	128	122	170	91	29	23 125	25 807	44
Lacking complete plumbing for exclusive use	522	165	138	61	19	56	33	31	13	6	8 279	11 125	136
1.01 or more persons per room	36	5	16	6	—	4	3	2	—	—	9 318	11 299	17
Heating equipment	28 646	2 488	3 752	1 802	1 963	4 653	4 910	5 677	2 257	1 144	19 624	21 534	1 921
Central heating system	26 033	2 024	3 304	1 586	1 769	4 260	4 542	5 305	2 134	1 110	20 078	22 053	1 548
Air conditioning	4 664	255	470	225	291	768	824	1 114	407	310	21 740	25 123	171
Central system	1 289	70	98	58	66	136	234	294	124	209	24 663	33 044	42
Vehicles available	27 230	1 686	3 324	1 737	1 923	4 604	4 900	5 655	2 257	1 144	20 331	22 336	1 537
1	8 659	1 124	2 201	934	787	1 522	1 048	775	180	88	12 724	14 768	766
2 or more	18 571	562	1 123	803	1 136	3 082	3 852	4 880	2 077	1 056	23 336	25 865	771
House heating fuel	28 646	2 488	3 752	1 802	1 963	4 653	4 910	5 677	2 257	1 144	19 624	21 534	1 921
Utility gas	14 477	1 005	1 720	819	972	2 413	2 605	3 175	1 152	616	20 597	22 437	678
Bottled, tank, or LP gas	2 319	275	292	178	190	449	319	384	126	106	17 300	19 838	271
Electricity	691	60	91	36	24	129	111	150	57	33	20 270	22 936	50
Fuel oil, kerosene, etc.	9 957	1 014	1 499	665	702	1 441	1 633	1 768	859	376	18 697	20 894	792
Other	1 202	134	150	104	75	221	242	200	63	13	18 196	18 434	130
Median rooms	6.0	5.2	5.4	5.5	5.8	5.8	6.1	6.3	6.9	7.5	...	...	5.5
Specified owner-occupied housing units	20 326	1 569	2 360	1 120	1 359	3 282	3 810	4 399	1 676	751	20 601	21 989	986
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	11 612	284	430	475	694	2 176	2 781	3 148	1 101	523	23 094	25 180	328
Less than \$200	636	44	45	40	57	147	152	100	45	6	19 507	19 740	44
\$200 to \$249	1 219	37	78	86	111	234	267	274	100	32	21 150	22 164	33
\$250 to \$299	1 609	45	78	94	166	324	378	436	61	27	21 010	21 650	50
\$300 to \$349	1 919	77	91	92	86	397	506	521	117	32	21 962	22 373	75
\$350 to \$399	1 809	17	38	60	100	430	473	411	259	21	22 475	24 407	30
\$400 to \$499	2 287	40	63	58	98	397	593	699	207	132	23 894	26 379	68
\$500 to \$599	1 117	14	21	27	39	170	270	369	123	84	24 793	28 780	16
\$600 to \$749	688	9	12	13	26	66	115	265	110	72	28 214	32 382	9
\$750 or more	328	1	4	5	11	11	27	73	79	117	33 956	49 217	3
Median	\$362	\$310	\$308	\$310	\$308	\$348	\$359	\$380	\$394	\$514	...	...	\$325
Not mortgaged	8 714	1 285	1 930	645	665	1 106	1 029	1 251	575	228	14 368	17 736	658
Less than \$50	41	16	5	10	2	8	—	—	—	—	7 250	9 186	8
\$50 to \$74	172	85	53	7	5	7	12	1	—	2	5 062	7 527	46
\$75 to \$99	661	212	210	46	36	69	49	29	10	—	7 057	10 213	125
\$100 to \$124	1 777	364	505	152	153	201	122	204	68	8	10 321	13 543	176
\$125 to \$149	2 121	273	551	187	198	278	256	255	107	16	13 125	15 481	112
\$150 to \$199	2 612	224	469	174	194	371	394	499	240	47	18 147	19 878	106
\$200 to \$249	888	61	96	40	54	121	138	194	111	73	22 829	26 830	47
\$250 or more	442	50	41	29	23	51	58	69	39	82	22 045	30 505	38
Median	\$145	\$123	\$134	\$139	\$142	\$149	\$160	\$164	\$171	\$228	...	...	\$121
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	11 612	284	430	475	694	2 176	2 781	3 148	1 101	523	23 094	25 180	328
Less than 15 percent	3 208	—	2	5	24	186	546	1 278	739	428	30 754	36 070	7
15 to 19 percent	2 660	—	8	21	87	423	880	971	211	59	24 536	25 736	2
20 to 24 percent	2 177	—	15	42	128	634	707	531	93	27	21 706	22 885	4
25 to 29 percent	1 460	—	37	126	182	403	379	272	56	5	19 708	20 404	—
30 to 34 percent	700	—	25	48	87	298	190	46	2	4	18 200	18 559	14
35 percent or more	1 374	251	343	233	186	232	79	50	—	—	10 998	11 370	268
Not computed	33	33	—	—	—	—	—	—	—	—	2500—	—147	33
Median	19.9	50+	48.1	34.5	28.0	23.8	19.8	16.5	13.1	10—	...	...	50+
Not mortgaged	8 714	1 285	1 930	645	665	1 106	1 029	1 251	575	228	14 368	17 736	658
Less than 10 percent	3 172	—	26	33	108	410	669	1 123	575	228	27 310	30 966	1
10 to 14 percent	1 795	8	149	266	358	566	320	128	—	—	15 899	16 512	—
15 to 19 percent	1 097	34	551	227	153	100	32	—	—	—	9 751	10 559	10
20 to 24 percent	664	66	462	68	32	28	8	—	—	—	7 550	8 244	22
25 to 29 percent	589	132	409	32	14	2	—	—	—	—	6 406	6 679	49
30 to 34 percent	384	166	199	19	—	—	—	—	—	—	5 392	5 593	61
35 percent or more	965	831	134	—	—	—	—	—	—	—	3 686	3 717	467
Not computed	48	48	—	—	—	—	—	—	—	—	2500—	—720	48
Median	13.2	41.5	22.6	15.5	13.1	11.3	10—	10—	10—	10—	...	...	48.6

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	9 057	1 912	2 117	1 024	792	1 512	947	538	146	69	11 219	13 038	1 577
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	3 437	153	654	400	339	786	606	365	97	37	15 906	17 247	263
15 to 24 years	904	33	136	125	150	261	126	67	6	—	15 103	15 284	53
25 to 34 years	1 199	23	147	143	110	324	278	147	24	3	17 881	17 841	64
35 to 44 years	434	22	53	33	32	114	99	57	18	6	18 186	19 233	50
45 to 64 years	471	31	83	31	34	66	87	78	37	24	17 841	23 275	50
65 years and over	429	44	235	68	13	21	16	16	12	4	8 034	11 096	46
Male householder, no wife present	2 148	411	509	309	171	404	175	107	36	26	11 246	12 864	282
15 to 24 years	732	147	205	96	66	140	25	42	11	—	10 365	11 572	150
25 to 34 years	668	35	146	109	86	149	83	30	17	13	13 779	15 353	19
35 to 44 years	232	26	35	32	4	61	41	20	6	7	16 532	16 523	33
45 to 64 years	313	88	74	46	15	43	26	15	—	6	9 792	12 174	38
65 years and over	203	115	49	26	—	11	—	—	2	—	4 645	6 223	42
Female householder, no husband present	3 472	1 348	954	315	282	322	166	66	13	6	7 095	8 978	1 032
15 to 24 years	879	293	279	94	64	85	40	19	5	—	8 301	9 344	301
25 to 34 years	805	213	239	106	118	80	38	5	—	—	8 960	9 749	243
35 to 44 years	288	59	77	27	31	38	37	19	—	—	10 741	12 259	82
45 to 64 years	493	130	132	47	50	72	36	18	2	6	9 516	11 537	113
65 years and over	1 007	653	227	41	19	47	15	5	—	—	4 333	5 850	293
Median age	31.5	55.8	31.5	29.8	27.6	28.9	30.4	32.6	36.7	53.1	...	...	33.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 278	793	1 003	525	444	825	338	248	81	21	11 633	12 925	776
1975 to 1978	2 878	560	636	312	241	460	456	166	37	10	11 947	13 354	452
1970 to 1974	755	187	217	111	48	74	62	35	8	13	9 211	11 925	111
1960 to 1969	563	154	141	25	26	92	55	46	11	13	9 556	14 581	92
1959 or earlier	583	218	120	51	33	61	36	43	9	12	7 450	12 251	146
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	8 587	1 706	2 003	967	764	1 482	915	535	146	69	11 511	13 309	1 422
0.50 or less	5 952	1 373	1 509	706	545	924	517	250	96	32	10 333	12 199	901
0.51 to 1.00	2 473	318	462	233	212	520	378	271	42	37	15 090	15 829	479
1.01 to 1.50	123	9	24	28	7	27	14	11	3	—	12 679	15 192	28
1.51 or more	39	6	8	—	—	11	6	3	5	—	16 375	16 928	14
Locking complete plumbing for exclusive use	470	206	114	57	28	30	32	3	—	—	6 510	8 083	155
0.50 or less	291	111	58	48	27	20	24	3	—	—	8 412	8 979	77
0.51 to 1.00	170	88	56	8	—	10	8	—	—	—	4 888	6 757	70
1.01 to 1.50	2	—	—	1	—	—	—	—	—	—	12 500	11 988	1
1.51 or more	7	7	—	—	—	—	—	—	—	—	3 250	1 879	7
SELECTED CHARACTERISTICS													
Heating equipment	9 052	1 910	2 114	1 024	792	1 512	947	538	146	69	11 226	13 042	1 575
Central heating system	7 811	1 612	1 801	839	692	1 382	829	463	132	61	11 468	13 232	1 306
Air conditioning	1 595	229	291	188	164	369	182	119	34	19	13 864	14 763	167
Central system	219	65	68	16	13	32	8	2	3	—	8 164	12 127	37
Vehicles available	7 469	940	1 687	949	745	1 476	935	528	142	67	13 032	14 576	988
1	4 415	819	1 270	622	510	740	289	125	27	13	10 476	11 541	785
2 or more	3 054	121	417	327	235	736	646	403	115	54	17 388	18 962	203
House heating fuel	9 052	1 910	2 114	1 024	792	1 512	947	538	146	69	11 226	13 042	1 575
Utility gas	5 242	1 232	1 266	535	425	758	588	335	62	41	10 575	12 608	962
Bottled, tank, or LP gas	487	109	93	69	28	85	60	20	11	12	11 504	15 919	105
Electricity	1 183	183	266	170	135	234	94	74	21	6	12 096	13 342	168
Fuel oil, kerosene, etc.	1 978	357	451	222	194	408	189	102	48	7	12 038	13 241	305
Other	162	29	38	28	10	27	16	7	4	3	11 250	13 819	35
Median rooms	4.2	3.6	4.1	4.2	4.3	4.4	4.7	5.0	5.3	5.6	...	...	4.0
Specified renter-occupied housing units													
	8 299	1 777	1 957	912	735	1 390	859	496	118	55	11 139	12 790	1 459
CONTRACT RENT													
Less than \$100	830	432	179	73	19	82	27	9	1	8	4 885	7 890	231
\$100 to \$149	1 450	413	430	185	119	152	80	56	6	9	8 671	10 387	278
\$150 to \$199	2 837	475	703	366	305	523	309	134	22	—	11 643	12 508	462
\$200 to \$249	1 811	217	385	190	203	409	235	129	31	12	13 898	14 738	268
\$250 to \$299	731	97	134	44	58	157	115	88	32	6	15 829	16 299	121
\$300 to \$349	116	—	6	11	2	31	29	30	7	—	21 667	22 681	—
\$350 to \$399	30	—	2	5	—	5	8	7	3	—	23 438	22 779	—
\$400 to \$499	25	—	—	—	—	6	2	4	6	7	35 297	33 145	—
\$500 or more	3	—	—	—	—	—	—	—	—	3	52 076	61 365	—
No cash rent	466	143	118	38	29	25	54	39	10	10	8 056	13 137	99
Median	\$176	\$147	\$165	\$176	\$186	\$193	\$197	\$214	\$242	\$236	...	...	\$170
GROSS RENT													
Less than \$100	487	342	96	19	4	13	7	3	1	2	4 148	5 734	172
\$100 to \$149	763	255	253	100	43	66	20	20	—	6	7 137	9 044	130
\$150 to \$199	1 562	330	447	218	139	253	111	52	6	6	10 046	11 311	242
\$200 to \$249	2 172	415	545	278	273	370	203	75	10	3	11 133	11 937	421
\$250 to \$299	1 669	191	310	140	184	388	270	168	12	6	15 108	15 160	219
\$300 to \$349	705	74	96	82	41	171	101	77	51	12	16 690	17 727	99
\$350 to \$399	270	27	73	19	18	61	49	11	12	—	14 722	15 014	69
\$400 to \$499	162	—	17	15	4	38	42	36	10	—	20 972	21 456	8
\$500 or more	43	—	2	3	—	5	2	15	6	10	32 420	32 766	—
No cash rent	466	143	118	38	29	25	54	39	10	10	8 056	13 137	99
Median	\$224	\$179	\$210	\$218	\$234	\$247	\$258	\$269	\$325	\$298	...	...	\$218
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 618	6	83	82	76	407	454	363	102	45	21 341	22 919	3
15 to 19 percent	1 394	50	112	158	198	514	280	76	6	—	16 587	16 474	23
20 to 24 percent	1 311	110	238	249	314	316	68	16	—	—	12 966	12 762	37
25 to 29 percent	844	130	303	226	96	86	1	2	—	—	9 858	9 712	90
30 to 34 percent	501	71	302	86	18	24	—	—	—	—	8 506	8 557	41
35 to 49 percent	916	238	581	73	4	18	2	—	—	—	6 499	6 828	183
50 percent or more	1 226	1 006	220	—	—	—	—	—	—	—	3 586	3 679	960
Not computed	489	166	118	38	29	25	54	39	10	10	7 393	12 519	122
Median	23.4	50+	33.0	24.0	21.3	17.7	14.3	12.2	11.2	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	11 612	636	1 219	1 609	1 919	1 809	2 287	1 117	688	328	362
PERSONS IN UNIT											
1 person	524	63	111	76	102	71	57	15	21	8	306
2 persons	2 338	163	255	306	383	319	492	240	115	65	360
3 persons	2 251	120	216	294	362	459	463	192	89	56	365
4 persons	3 601	156	311	530	578	600	749	335	272	70	369
5 persons	1 805	79	222	241	313	252	306	189	116	87	359
6 persons	751	34	48	107	154	72	149	109	49	29	373
7 persons	242	19	35	35	21	17	55	35	17	8	382
8 or more persons	100	2	21	20	6	19	16	2	9	5	353
Median	3.69	3.27	3.59	3.74	3.69	3.59	3.68	3.83	3.94	4.00	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	10 305	512	1 010	1 390	1 690	1 637	2 082	1 056	633	295	367
15 to 24 years	456	10	31	69	96	90	105	31	24	—	362
25 to 34 years	4 000	142	211	465	639	732	1 010	500	232	69	387
35 to 44 years	3 206	129	312	413	533	456	626	354	253	130	374
45 to 64 years	2 488	189	443	419	396	336	334	158	122	91	324
65 years and over	155	42	13	24	26	23	7	13	2	5	297
Male householder, no wife present	520	41	98	89	57	56	72	40	39	28	328
15 to 24 years	33	—	6	8	2	—	—	8	1	—	353
25 to 34 years	179	9	27	29	25	19	33	7	14	16	349
35 to 44 years	137	9	20	31	6	18	19	8	22	4	357
45 to 64 years	113	12	17	15	13	9	14	13	2	8	310
65 years and over	58	11	18	6	11	2	6	4	—	—	250
Female householder, no husband present	787	83	111	130	172	116	133	21	16	5	320
15 to 24 years	23	—	8	—	12	—	—	—	—	—	302
25 to 34 years	148	12	2	17	37	26	46	—	8	—	362
35 to 44 years	217	—	15	40	51	14	71	15	6	5	359
45 to 64 years	335	55	78	50	70	61	13	6	2	—	284
65 years and over	64	13	8	23	2	15	—	—	—	—	274
Median age	37.3	45.2	44.4	38.4	37.1	35.5	34.6	35.4	37.1	39.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 585	37	34	90	168	211	405	305	175	160	459
1975 to 1978	5 117	107	233	534	833	988	1 386	557	356	123	393
1970 to 1974	2 374	143	254	497	485	392	329	160	83	31	330
1960 to 1969	1 919	243	503	383	334	178	129	78	57	14	278
1959 or earlier	617	106	195	105	99	40	38	17	17	—	254
ROOMS											
1 to 3 rooms	69	12	22	6	7	7	8	6	1	—	254
4 rooms	665	81	125	131	109	104	70	32	13	—	298
5 rooms	2 524	213	331	495	416	390	462	151	40	26	327
6 rooms	3 319	206	367	462	625	565	714	228	118	34	350
7 rooms	2 301	89	242	240	413	407	448	286	118	58	370
8 or more rooms	2 734	35	132	275	349	336	585	414	398	210	442
Median	6.3	5.6	5.9	5.9	6.2	6.2	6.3	7.0	7.8	8.0	...
YEAR STRUCTURE BUILT											
1975 to March 1980	2 761	35	44	146	330	436	777	514	337	142	447
1970 to 1974	1 671	32	78	202	349	321	358	180	114	37	377
1960 to 1969	2 063	50	288	343	352	262	422	184	112	50	350
1950 to 1959	1 592	154	267	320	182	255	250	84	53	27	315
1940 to 1949	1 066	114	154	166	197	141	198	52	2	42	325
1939 or earlier	2 459	251	388	432	509	394	282	103	70	30	316
VALUE											
Less than \$10,000	33	14	7	5	7	—	—	—	—	—	218
\$10,000 to \$19,999	233	58	72	42	26	27	3	2	3	—	241
\$20,000 to \$29,999	1 010	198	231	292	151	63	58	15	1	1	263
\$30,000 to \$39,999	2 001	170	333	409	444	327	254	41	16	7	310
\$40,000 to \$49,999	2 806	111	313	455	580	567	568	151	59	2	345
\$50,000 to \$59,999	2 296	50	154	253	399	384	639	274	107	36	388
\$60,000 to \$79,999	2 309	27	107	141	283	390	570	447	294	50	435
\$80,000 to \$99,999	550	8	2	7	26	36	129	124	123	95	554
\$100,000 to \$149,999	309	—	—	5	3	15	54	45	75	112	665
\$150,000 or more	65	—	—	—	—	—	12	18	10	25	638
Median	\$49 000	\$32 000	\$38 900	\$41 200	\$44 900	\$48 600	\$53 500	\$61 800	\$69 300	\$92 700	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	3 208	479	712	653	505	380	279	106	56	38	282
15 to 19 percent	2 660	64	247	440	640	504	529	137	54	45	345
20 to 24 percent	2 177	29	87	204	367	482	587	239	136	46	392
25 to 29 percent	1 460	14	81	163	136	215	368	244	170	69	431
30 to 34 percent	700	6	17	23	38	101	220	180	86	29	479
35 percent or more	1 374	44	67	124	226	118	304	207	183	101	435
Not computed	33	—	8	—	7	9	—	4	3	—	346
Median	19.9	11.2	13.7	16.7	18.5	20.2	22.9	26.5	27.8	27.5	...
SELECTED CHARACTERISTICS											
Heating equipment	11 612	636	1 219	1 609	1 919	1 809	2 287	1 117	688	328	362
Steam or hot water system	1 399	35	109	145	209	199	273	167	162	99	401
Central warm-air furnace or electric heat pump	9 090	507	936	1 305	1 531	1 451	1 799	889	454	218	359
Other built-in electric units	241	2	11	15	14	21	91	39	39	9	458
Floor, wall, or pipeless furnace	107	17	24	23	12	11	13	2	5	—	277
Other means	775	75	139	121	153	127	111	20	27	2	317
Air conditioning	2 037	98	195	305	306	282	380	205	159	107	370
Central system	503	2	6	41	50	58	152	78	66	50	466
1 or more individual room units	1 534	96	189	264	256	224	228	127	93	57	343
House heating fuel	11 612	636	1 219	1 609	1 919	1 809	2 287	1 117	688	328	362
Utility gas	7 238	421	826	906	1 194	1 100	1 298	760	472	261	362
Bottled, tank, or LP gas	606	21	41	61	120	102	149	66	39	7	379
Electricity	306	2	11	21	18	29	123	46	45	11	450
Fuel oil, kerosene, etc.	2 998	157	278	526	498	494	638	232	128	47	354
Other	464	35	63	95	89	84	79	13	4	2	322

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	8 714	41	172	661	1 777	2 121	2 612	888	442	145
PERSONS IN UNIT										
1 person	2 146	28	95	287	571	565	423	120	57	129
2 persons	3 751	4	67	228	834	931	1 156	363	168	145
3 persons	1 358	9	6	112	216	313	464	147	91	152
4 persons	701	—	3	18	84	160	276	105	55	165
5 persons	443	—	—	14	52	103	163	72	39	166
6 persons	217	—	—	2	18	37	80	55	25	182
7 persons	70	—	—	—	1	12	31	22	4	185
8 or more persons	28	—	1	—	1	—	19	4	3	182
Median	2.09	1.23	1.41	1.69	1.88	2.03	2.26	2.39	2.48	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	5 596	11	52	342	1 003	1 274	1 895	695	324	153
15 to 24 years	10	—	2	2	—	2	3	1	—	138
25 to 34 years	220	9	1	40	20	48	66	29	7	146
35 to 44 years	577	—	2	16	54	118	219	117	51	172
45 to 64 years	2 705	—	16	93	394	625	1 055	344	178	161
65 years and over	2 084	2	31	191	535	481	552	204	88	140
Male householder, no wife present	591	19	38	50	141	158	145	23	17	133
15 to 24 years	24	2	—	1	7	4	3	7	—	138
25 to 34 years	29	5	1	6	5	—	12	—	—	113
35 to 44 years	17	—	1	—	2	7	5	2	—	145
45 to 64 years	170	8	13	11	48	35	41	14	—	129
65 years and over	351	4	23	32	79	112	84	—	17	133
Female householder, no husband present	2 527	11	82	269	633	689	572	170	101	135
15 to 24 years	26	—	—	5	—	12	9	—	—	142
25 to 34 years	46	—	4	8	9	—	12	11	2	158
35 to 44 years	58	—	2	—	—	17	31	8	—	166
45 to 64 years	772	2	5	61	184	197	195	89	39	142
65 years and over	1 625	9	71	195	440	463	325	62	60	130
Median age	63.9	56.5	70.9	68.4	67.3	64.9	61.6	57.2	60.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	263	7	9	37	16	52	83	50	9	156
1975 to 1978	800	12	19	61	131	145	270	121	41	156
1970 to 1974	1 005	3	20	72	169	236	310	112	83	150
1960 to 1969	2 150	9	46	128	364	505	678	257	163	152
1959 or earlier	4 496	10	78	363	1 097	1 183	1 271	348	146	140
ROOMS										
1 to 3 rooms	214	17	46	57	45	13	21	7	8	94
4 rooms	1 260	11	60	230	424	305	193	23	14	119
5 rooms	2 524	4	18	186	592	681	721	253	69	142
6 rooms	2 485	2	23	133	476	621	911	236	83	149
7 rooms	1 341	7	18	33	167	362	479	169	106	159
8 or more rooms	890	—	7	22	73	139	287	200	162	186
Median	5.6	3.8	4.2	4.7	5.2	5.6	5.9	6.2	6.9	...
YEAR STRUCTURE BUILT										
1975 to March 1980	425	2	7	29	35	81	148	102	21	170
1970 to 1974	530	—	21	14	80	97	196	80	42	164
1960 to 1969	1 203	2	10	45	162	240	433	178	133	166
1950 to 1959	2 163	16	15	119	353	522	780	244	114	154
1940 to 1949	1 175	4	7	104	350	297	283	88	42	135
1939 or earlier	3 218	17	112	350	797	884	772	196	90	134
VALUE										
Less than \$10,000	114	13	25	36	12	—	13	1	2	88
\$10,000 to \$19,999	774	12	76	159	261	151	75	23	17	113
\$20,000 to \$29,999	1 765	2	28	228	495	574	376	37	25	131
\$30,000 to \$39,999	2 324	11	7	173	615	716	601	138	63	137
\$40,000 to \$49,999	1 793	3	22	42	297	454	719	193	63	155
\$50,000 to \$59,999	909	—	4	14	77	155	423	174	62	174
\$60,000 to \$79,999	766	—	10	6	20	57	342	225	106	192
\$80,000 to \$99,999	172	—	—	—	—	—	51	70	51	225
\$100,000 to \$149,999	82	—	—	3	—	2	12	27	38	244
\$150,000 or more	15	—	—	—	—	—	—	—	15	250+
Median	\$37 100	\$17 800	\$18 300	\$25 900	\$31 800	\$34 500	\$43 300	\$52 000	\$55 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	3 172	25	55	209	662	756	1 025	319	121	146
10 to 14 percent	1 795	8	25	102	298	438	584	253	87	152
15 to 19 percent	1 097	2	39	116	245	266	280	96	53	139
20 to 24 percent	664	2	28	58	158	168	164	41	45	138
25 to 29 percent	589	2	5	76	99	156	170	55	26	143
30 to 34 percent	384	—	—	42	118	70	99	29	26	136
35 percent or more	965	2	13	48	187	267	281	84	83	147
Not computed	48	—	7	10	10	—	9	11	1	117
Median	13.2	10—	15.3	15.6	13.7	13.5	12.4	12.4	16.2	...
SELECTED CHARACTERISTICS										
Heating equipment	8 714	41	172	661	1 777	2 121	2 612	888	442	145
Steam or hot water system	834	2	7	20	109	133	322	174	67	173
Central warm-air furnace or electric heat pump	6 936	21	73	476	1 468	1 785	2 101	659	353	145
Other built-in electric units	79	3	—	8	20	10	24	10	4	146
Floor, wall, or pipeless furnace	111	3	23	12	26	21	23	3	—	117
Other means	754	12	69	145	154	172	142	42	18	125
Air conditioning	1 652	—	14	64	301	350	582	192	149	158
Central system	534	—	7	13	39	88	193	92	102	181
1 or more individual room units	1 118	—	7	51	262	262	389	100	47	148
House heating fuel	8 714	41	172	661	1 777	2 121	2 612	888	442	145
Utility gas	4 697	12	112	447	1 115	1 155	1 275	403	178	139
Bottled, tank, or LP gas	414	9	9	19	47	97	125	60	48	160
Electricity	135	3	—	8	26	11	48	17	22	170
Fuel oil, kerosene, etc.	3 295	11	32	152	561	807	1 140	398	194	154
Other	173	6	19	35	28	51	24	10	—	124

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	28 646	4 290	3 163	4 177	7 211	9 805	9 057	1 580	904	868	1 932	3 773
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 303	3 727	2 657	3 424	5 432	7 063	3 437	610	359	310	845	1 313
15 to 24 years	753	231	156	50	154	162	904	169	79	74	292	290
25 to 34 years	5 338	1 774	740	615	987	1 222	1 199	271	204	83	256	385
35 to 44 years	5 115	910	889	1 045	895	1 376	434	52	35	48	126	173
45 to 64 years	7 738	662	679	1 379	2 315	2 703	471	59	17	62	92	241
65 years and over	3 359	150	193	335	1 081	1 600	429	59	24	43	79	224
Male householder, no wife present	2 007	240	217	280	407	863	2 148	382	274	157	374	961
15 to 24 years	148	18	20	40	21	49	732	182	57	42	142	309
25 to 34 years	381	107	50	51	60	113	668	124	132	60	111	241
35 to 44 years	287	49	29	58	62	89	232	32	44	14	44	98
45 to 64 years	550	43	56	66	121	264	313	25	28	34	55	171
65 years and over	641	23	62	65	143	348	203	19	13	7	22	142
Female householder, no husband present	4 336	323	289	473	1 372	1 879	3 472	588	271	401	713	1 499
15 to 24 years	103	31	8	18	28	18	879	186	60	59	268	306
25 to 34 years	286	80	59	26	48	73	805	126	88	81	209	301
35 to 44 years	387	70	44	91	98	84	288	54	28	27	53	135
45 to 64 years	1 376	114	146	160	501	455	493	54	22	74	80	263
65 years and over	2 184	28	32	178	697	1 249	1 007	177	73	160	103	494
Median age	48.2	34.5	40.2	46.0	55.3	55.4	31.5	29.0	29.3	39.0	28.5	36.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 686	1 207	344	276	397	462	4 278	1 195	511	352	893	1 327
1975 to 1978	7 832	3 083	842	912	1 348	1 647	2 878	385	312	295	704	1 182
1970 to 1974	4 630	—	1 977	617	870	1 186	755	—	81	90	125	459
1960 to 1969	5 481	—	—	2 372	1 263	1 846	563	—	—	131	99	333
1959 or earlier	7 997	—	—	—	3 333	4 664	583	—	—	—	111	472
ROOMS												
1 room	22	1	2	2	10	7	175	3	6	25	19	122
2 rooms	114	15	14	29	24	32	457	73	49	101	48	186
3 rooms	456	47	50	52	114	193	1 618	343	125	172	313	665
4 rooms	3 169	362	364	416	1 110	1 917	3 178	774	444	294	644	1 022
5 rooms	6 913	1 035	829	1 158	2 194	1 697	1 831	206	164	161	503	797
6 rooms	7 519	1 115	878	1 096	1 992	2 438	935	88	69	65	253	460
7 or more rooms	10 453	1 715	1 026	1 424	1 767	4 521	863	93	47	50	152	521
Median	6.0	6.1	5.9	5.9	5.6	6.3	4.2	4.0	4.1	4.0	4.4	4.4
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	28 124	4 276	3 143	4 159	7 127	9 419	8 587	1 558	867	860	1 830	3 472
0.50 or less	16 782	2 245	1 501	2 215	4 594	6 227	5 952	1 076	575	578	1 183	2 540
0.51 to 1.00	10 693	1 946	1 536	1 832	2 384	2 995	2 473	461	284	263	603	862
1.01 to 1.50	587	78	95	105	142	167	123	15	8	11	31	58
1.51 or more	62	7	11	7	7	30	39	6	—	8	13	12
Lacking complete plumbing for exclusive use	522	14	20	18	84	386	470	22	37	8	102	301
0.50 or less	390	4	13	8	60	305	291	11	18	8	77	177
0.51 to 1.00	96	9	5	3	12	67	170	11	19	—	25	115
1.01 to 1.50	25	—	—	2	10	13	2	—	—	—	—	2
1.51 or more	11	1	2	5	2	1	7	—	—	—	—	7
PERSONS IN UNIT												
1 person	3 729	217	260	427	1 163	1 662	3 557	609	370	386	595	1 597
2 persons	8 694	1 103	738	1 111	2 529	3 213	2 651	514	206	237	622	1 072
3 persons	4 979	913	546	692	1 353	1 475	1 452	263	149	119	357	564
4 persons	5 686	1 215	908	1 025	1 076	1 462	1 876	150	135	68	213	310
5 persons	3 152	501	459	569	682	941	306	40	32	28	84	122
6 or more persons	2 406	341	252	353	408	1 052	215	4	12	30	61	108
Median	2.88	3.40	3.54	3.30	2.47	2.52	1.87	1.85	1.90	1.70	2.10	1.77
Total persons	90 140	14 657	10 739	13 792	20 662	30 290	19 950	3 341	2 101	1 948	4 657	7 903
UNITS IN STRUCTURE												
1, detached or attached	26 218	3 823	2 605	3 806	6 990	8 994	2 873	244	142	234	939	1 314
2	987	45	32	36	152	722	2 730	185	134	115	668	1 628
3 and 4	104	22	7	7	14	54	875	136	95	65	142	437
5 to 9	91	15	27	15	16	18	1 026	460	237	77	74	178
10 to 49	38	2	—	10	9	12	901	414	126	156	79	126
50 or more	2	—	2	—	—	—	365	112	26	128	16	83
Mobile home or trailer, etc.	1 206	383	485	303	30	5	287	29	144	93	14	7
SELECTED CHARACTERISTICS												
Heating equipment	28 646	4 290	3 163	4 177	7 211	9 805	9 052	1 580	904	865	1 932	3 771
Steam or hot water system	3 060	615	442	848	493	662	1 665	299	255	285	193	633
Central warm-air furnace or electric heat pump	22 079	3 079	2 265	2 984	6 129	7 622	5 128	688	458	437	1 267	2 278
Other built-in electric units	496	250	149	44	14	39	798	558	125	39	31	45
Floor, wall, or pipeless furnace	398	29	47	21	81	220	220	14	25	32	83	66
Other means	2 613	317	260	280	494	1 262	1 241	21	41	72	358	749
Air conditioning	4 664	598	510	790	1 500	1 266	1 595	613	183	160	246	393
Central system	1 289	293	236	261	314	185	219	84	22	45	27	41
1 or more individual room units	3 375	305	274	529	1 186	1 081	1 376	529	161	115	219	352
House heating fuel	28 646	4 290	3 163	4 177	7 211	9 805	9 052	1 580	904	865	1 932	3 771
Utility gas	14 477	2 315	1 955	2 552	3 517	4 138	5 242	597	537	611	1 171	2 326
Battled, tank, or LP gas	2 319	419	368	281	305	946	487	41	64	61	113	208
Electricity	691	341	170	87	41	52	1 163	809	213	50	56	55
Fuel oil, kerosene, etc.	9 957	999	521	1 120	3 158	4 155	1 978	120	79	131	566	1 082
Other	1 202	216	149	137	190	510	162	13	11	12	26	100
Income in 1979 below poverty level	1 921	149	149	213	440	970	1 577	265	113	144	348	707
Percent below poverty level	6.7	3.5	4.7	5.1	6.1	9.9	17.4	16.8	12.5	16.6	18.0	18.7
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	2 488	118	150	268	678	1 274	1 912	314	134	210	381	873
\$5,000 to \$9,999	3 752	224	313	371	1 043	1 801	2 117	324	185	184	388	1 036
\$10,000 to \$12,999	1 802	223	193	202	435	749	1 024	164	85	83	212	484
\$12,500 to \$14,999	1 963	293	186	229	480	775	1 292	164	105	48	171	304
\$15,000 to \$19,999	4 653	759	554	694	1 157	1 489	1 512	326	160	158	341	527
\$20,000 to \$24,999	4 910	1 011	561	786	1 289	1 263	1 947	135	132	88	268	324
\$25,000 to \$34,999	5 677	1 065	787	1 028	1 298	1 498	538	118	59	70	130	161
\$35,000 to \$49,999	2 257	387	254	398	607	611	146	39	26	3	35	43
\$50,000 or more	1 144	210	165	201	227	344	69	18	18	24	6	21
Median	\$19 624	\$22 797	\$21 662	\$22 372	\$19 105	\$15 962	\$11 219	\$12 375	\$13 643	\$11 205	\$12 323	\$9 896
Mean	\$21 534	\$24 963	\$23 717	\$23 785	\$20 682	\$18 998	\$13 038	\$13 375	\$14 939	\$14 918	\$13 600	\$11 720

Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units.....	28 646	26 218	1 222	1 206	9 057	2 873	2 730	875	1 026	901	365	287
Condominium housing units.....	37	10	27	—	42	—	—	11	2	19	10	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	22 303	20 793	739	771	3 437	1 633	1 001	177	255	257	16	98
15 to 24 years.....	753	531	42	180	904	283	316	77	109	88	—	31
25 to 34 years.....	5 338	4 960	120	258	1 199	552	370	63	94	84	5	31
35 to 44 years.....	5 115	4 894	85	136	434	273	110	9	21	6	—	15
45 to 64 years.....	7 738	7 386	235	117	471	322	86	12	16	28	—	7
65 years and over.....	3 359	3 022	257	80	429	203	119	16	15	51	11	14
Male householder, no wife present.....	2 007	1 637	188	182	2 148	502	558	308	371	276	17	116
15 to 24 years.....	148	83	19	46	732	155	196	103	139	121	—	18
25 to 34 years.....	381	270	60	51	668	144	186	110	127	57	5	39
35 to 44 years.....	287	229	30	28	232	70	44	21	36	33	—	28
45 to 64 years.....	550	482	35	33	313	66	64	60	48	47	—	28
65 years and over.....	641	573	44	24	203	67	68	14	21	18	12	3
Female householder, no husband present.....	4 336	3 788	295	253	3 472	738	1 171	390	400	368	332	73
15 to 24 years.....	103	52	9	42	879	137	353	109	150	103	—	27
25 to 34 years.....	286	216	16	54	805	154	309	140	99	71	8	24
35 to 44 years.....	387	324	3	60	288	102	91	38	35	9	5	8
45 to 64 years.....	1 376	1 259	59	58	493	151	178	42	30	57	35	—
65 years and over.....	2 184	1 937	208	39	1 007	194	240	61	86	128	284	14
Median age.....	48.2	48.4	59.5	33.7	31.5	35.2	29.1	28.6	27.7	30.0	76.0	31.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	2 686	2 236	118	332	4 278	1 163	1 212	417	631	541	149	165
1975 to 1978.....	7 832	7 027	277	528	2 878	842	943	319	319	246	129	80
1970 to 1974.....	4 650	4 271	125	254	755	211	259	73	54	70	51	37
1960 to 1969.....	5 481	5 218	172	91	563	276	159	54	10	30	36	4
1959 or earlier.....	7 997	7 466	530	1	583	387	157	12	12	14	—	1
ROOMS												
1 room.....	22	20	—	2	175	11	2	—	61	86	11	4
2 rooms.....	114	77	9	28	457	45	36	119	57	81	115	4
3 rooms.....	456	339	64	53	1 618	167	485	299	144	302	190	31
4 rooms.....	3 169	2 323	310	536	3 178	581	1 130	288	665	326	44	144
5 rooms.....	6 913	6 014	408	491	1 831	692	795	113	81	62	5	83
6 rooms.....	7 519	7 293	160	66	935	602	215	52	7	42	—	17
7 or more rooms.....	10 453	10 152	271	30	863	775	67	4	11	2	—	4
Median.....	6.0	6.1	5.1	4.5	4.2	5.4	4.2	3.6	3.9	3.4	2.8	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use.....	28 124	25 840	1 098	1 186	8 587	2 767	2 582	819	942	835	360	282
0.50 or less.....	16 782	15 358	820	604	5 952	1 717	1 835	617	690	618	314	161
0.51 to 1.00.....	10 693	9 914	257	522	2 473	983	709	191	228	205	46	111
1.01 to 1.50.....	587	513	21	53	123	53	37	11	6	6	—	10
1.51 or more.....	62	55	—	7	39	14	—	—	18	6	—	—
Locking complete plumbing for exclusive use.....	522	378	124	20	470	106	148	56	84	66	5	5
0.50 or less.....	390	299	81	10	291	82	116	45	33	5	5	5
0.51 to 1.00.....	96	55	33	8	170	17	30	11	51	61	—	—
1.01 to 1.50.....	25	17	8	—	2	—	2	—	—	—	—	—
1.51 or more.....	11	7	2	2	7	7	—	—	—	—	—	—
BEDROOMS												
None.....	28	22	4	2	208	11	5	6	72	99	11	4
1.....	867	610	200	57	2 405	358	673	439	196	395	322	22
2.....	6 043	4 855	491	697	4 257	890	1 667	373	750	358	32	187
3.....	14 223	13 427	355	441	1 552	1 030	342	55	4	47	—	74
4.....	5 913	5 811	94	8	469	424	40	2	1	2	—	—
5 or more.....	1 572	1 493	78	1	166	160	3	—	3	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000.....	2 488	2 203	151	134	1 912	458	492	214	208	225	255	60
\$5,000 to \$9,999.....	3 752	3 218	304	230	2 117	541	779	198	178	257	88	76
\$10,000 to \$14,999.....	1 802	1 491	132	179	1 024	330	296	135	115	94	17	37
\$15,000 to \$19,999.....	1 963	1 800	72	91	792	208	259	73	135	96	—	21
\$20,000 to \$24,999.....	4 653	4 176	201	276	1 512	527	472	129	220	131	—	33
\$25,000 to \$29,999.....	4 910	4 575	167	168	947	448	261	57	119	39	5	18
\$30,000 to \$34,999.....	5 677	5 441	121	115	538	233	138	67	42	38	—	20
\$35,000 to \$49,999.....	2 257	2 216	32	9	146	84	23	2	9	15	—	13
\$50,000 or more.....	1 144	1 098	42	4	69	44	10	—	—	6	—	9
Median.....	\$19 624	\$20 232	\$13 333	\$14 148	\$11 219	\$13 792	\$10 794	\$10 472	\$12 722	\$9 399	\$4 209	\$10 507
Mean.....	\$21 534	\$22 084	\$16 634	\$14 551	\$13 038	\$15 638	\$12 383	\$11 454	\$12 754	\$11 379	\$4 958	\$14 550
SELECTED CHARACTERISTICS												
Heating equipment.....	28 646	26 218	1 222	1 206	9 052	2 871	2 730	875	1 026	901	365	284
Steam or hot water system.....	3 060	2 886	164	10	1 665	271	224	157	385	382	236	10
Central warm-air furnace or electric heat pump.....	22 079	20 207	887	985	5 128	1 977	1 838	458	323	220	89	223
Other built-in electric units.....	496	449	36	11	798	68	39	135	265	263	28	—
Floor, wall, or pipeless furnace.....	398	342	14	42	220	69	75	7	28	14	12	15
Other means.....	2 613	2 334	121	158	1 241	486	554	118	25	22	—	36
Air conditioning.....	4 664	4 245	193	226	1 595	274	347	73	460	313	99	29
Central system.....	1 289	1 155	79	55	219	32	29	12	54	47	43	2
Vehicles available.....	27 230	24 974	1 088	1 168	7 469	2 586	2 325	692	877	663	82	244
1.....	8 659	7 567	541	551	4 415	1 151	1 526	470	593	472	78	125
2 or more.....	18 571	17 407	547	617	3 054	1 435	799	222	284	191	4	119
House heating fuel.....	28 646	26 218	1 222	1 206	9 052	2 871	2 730	875	1 026	901	365	284
Utility gas.....	14 477	12 954	771	752	5 242	1 326	1 965	516	522	450	292	171
Bottled, tank, or LP gas.....	2 319	2 020	71	228	487	253	113	20	14	16	11	60
Electricity.....	691	599	48	44	1 183	83	76	224	435	337	28	47
Fuel oil, kerosene, etc.....	9 957	9 499	306	152	1 978	1 087	552	111	55	92	34	6
Other.....	1 202	1 146	26	30	162	122	24	4	—	6	—	—
Water heating fuel.....	28 646	26 050	1 198	1 198	8 980	2 825	2 713	875	1 026	893	365	283
Utility gas.....	11 784	10 609	616	559	4 593	1 153	1 715	466	442	419	290	108
Bottled, tank, or LP gas.....	2 480	2 210	67	203	431	234	91	36	22	7	—	41
Electricity.....	13 500	12 583	485	432	3 769	1 370	864	332	556	448	69	130
Fuel oil, kerosene, etc.....	570	543	25	2	173	57	40	4	6	19	6	4
Other.....	112	105	5	2	14	11	3	—	—	—	—	—
Family householder.....	24 529	22 762	836	931	4 669	2 035	1 434	292	382	336	35	155
With own children under 18 years.....	13 592	12 753	276	563	2 750	1 211	852	183	196	186	18	104
With own children under 6 years.....	5 700	5 223	124	353	1 726	687	603	112	130	117	13	64
Female householder, no husband present.....	1 659	1 453	69	137	1 063	337	367	103	127	79	19	31
With own children under 18 years.....	714	573	22	119	861	257	304	96	94	66	13	31
With own children under 6 years.....	100	69	—	31	420	124	148	45	43	35	8	17
Nonfamily householder.....	4 117	3 456	386	275	4 388	838	1 296	583	644	565	330	132
Income in 1979 below poverty level.....	1 921	1 648	113	160	1 577	460	417	181	150	187	115	67
Percent below poverty level.....	6.7	6.3	9.2	13.3	17.4	16.0	15.3	20.7	14.6	20.8	31.5	23.3

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units -----	28 646	3 729	8 694	4 979	5 686	3 152	1 543	582	281	2.88	90 140
Nonrelatives present -----	747	—	312	118	135	70	65	36	11	3.02	2 652
ROOMS -----											
1 to 3 rooms -----	592	272	202	66	38	6	2	2	4	1.62	1 130
4 rooms -----	3 169	974	1 456	463	212	44	6	13	1	1.92	6 494
5 rooms -----	6 913	1 077	2 430	1 301	1 180	651	206	43	25	2.48	19 484
6 rooms -----	7 519	802	2 250	1 499	1 719	724	355	121	49	2.97	23 727
7 rooms -----	4 970	378	1 326	903	1 153	682	359	119	50	3.36	16 999
8 or more rooms -----	5 483	226	1 030	747	1 384	1 045	615	284	152	4.03	22 306
Median -----	6.0	5.1	5.6	5.9	6.3	6.7	7.1	7.4	7.7	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM -----											
Complete plumbing for exclusive use -----	28 124	3 552	8 496	4 921	5 649	3 136	1 532	569	269	2.91	88 869
1.00 or less -----	27 475	3 552	8 494	4 903	5 621	3 088	1 320	399	98	2.84	84 430
1.01 to 1.50 -----	587	—	—	16	24	44	210	155	138	6.50	3 977
1.51 or more -----	62	—	2	2	4	4	2	15	33	7.64	462
Lacking complete plumbing for exclusive use -----	522	177	198	58	37	16	11	13	12	1.92	1 271
1.00 or less -----	486	177	196	55	27	14	9	4	4	1.84	1 039
1.01 to 1.50 -----	25	—	—	2	6	—	2	9	6	6.78	173
1.51 or more -----	11	—	2	1	4	2	—	—	2	4.13	59
UNITS IN STRUCTURE -----											
1, detached or attached -----	26 218	3 190	7 776	4 582	5 370	3 013	1 469	552	266	2.97	83 811
2 or more -----	1 222	314	517	117	127	73	38	22	14	2.07	3 207
Mobile home or trailer, etc. -----	1 206	225	401	280	189	66	36	8	1	2.44	3 122
VALUE -----											
Specified owner-occupied housing units -----	20 326	2 670	6 089	3 609	4 302	2 248	968	312	128	2.89	62 507
Less than \$10,000 -----	147	74	49	9	6	5	2	—	—	1.49	280
\$10,000 to \$19,999 -----	1 007	381	356	104	76	37	19	27	7	1.84	2 444
\$20,000 to \$29,999 -----	2 775	677	956	466	348	188	86	29	25	2.24	7 026
\$30,000 to \$39,999 -----	4 325	700	1 477	768	744	400	161	56	19	2.49	12 399
\$40,000 to \$49,999 -----	4 599	445	1 355	998	901	549	230	93	28	3.00	14 541
\$50,000 to \$59,999 -----	3 205	187	886	537	957	406	183	24	25	3.49	10 659
\$60,000 to \$79,999 -----	3 075	147	705	540	931	461	209	65	17	3.66	10 925
\$80,000 to \$99,999 -----	722	28	182	88	215	154	39	14	2	3.79	2 542
\$100,000 to \$149,999 -----	391	31	82	80	112	48	31	2	5	3.52	1 397
\$150,000 or more -----	80	—	41	19	12	—	8	—	—	2.48	294
Median -----	\$43 900	\$32 900	\$41 500	\$44 700	\$50 700	\$48 900	\$49 400	\$43 300	\$44 100	...	...
SELECTED CHARACTERISTICS -----											
All income levels in 1979 -----	28 646	3 729	8 694	4 979	5 686	3 152	1 543	582	281	2.88	90 140
Median income -----	\$19 624	\$6 157	\$16 570	\$21 806	\$23 176	\$24 642	\$24 775	\$25 479	\$28 516	...	...
Median selected monthly owner costs as percentage of household income -----	17.6	28.5	16.0	15.3	18.1	16.7	16.1	15.3	13.5	...	...
With a mortgage -----	19.9	31.4	19.9	19.7	20.0	18.8	18.8	17.8	15.0	...	...
Not mortgaged -----	13.2	27.9	13.3	10—	10—	10—	10—	10.4	10—	...	...
Income in 1979 below poverty level -----	1 921	711	471	179	210	134	109	58	49	2.03	...
Median income -----	\$3 284	\$2 767	\$3 235	\$3 634	\$3 474	\$5 000	\$6 058	\$6 389	\$8 750	...	...
Median selected monthly owner costs as percentage of household income -----	50+	50+	50+	50+	50+	50+	50+	32.1	35.0	...	...
With a mortgage -----	50+	50+	50+	50+	50+	50+	50+	33.2	50+	...	...
Not mortgaged -----	48.6	50+	39.0	50+	50+	36.9	—	30.5	16.3	...	...
Renter-occupied housing units -----	9 057	3 557	2 651	1 452	876	306	125	66	24	1.87	19 950
Nonrelatives present -----	983	—	638	240	55	28	17	—	5	2.27	2 558
ROOMS -----											
1 room -----	175	163	10	2	—	—	—	—	—	1.04	182
2 rooms -----	457	382	49	20	—	6	—	—	—	1.10	590
3 rooms -----	1 618	1 262	292	45	14	5	—	—	—	1.14	2 096
4 rooms -----	3 178	1 028	1 301	526	258	42	5	18	—	1.93	6 521
5 rooms -----	1 831	481	542	406	254	112	25	9	2	2.30	4 656
6 rooms -----	935	132	225	283	195	53	42	2	3	2.89	2 933
7 or more rooms -----	863	109	232	170	155	88	53	37	19	3.03	2 972
Median -----	4.2	3.5	4.2	4.8	5.2	5.4	6.3	6.8	8.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM -----											
Complete plumbing for exclusive use -----	8 587	3 245	2 554	1 418	856	303	125	66	20	1.91	19 211
1.00 or less -----	8 425	3 245	2 548	1 396	842	251	95	37	11	1.88	18 295
1.01 to 1.50 -----	123	—	—	20	14	41	30	11	7	5.17	690
1.51 or more -----	39	—	6	2	—	11	—	18	2	6.53	226
Lacking complete plumbing for exclusive use -----	470	312	97	34	20	3	—	—	4	1.25	739
1.00 or less -----	461	312	93	34	20	2	—	—	—	1.24	684
1.01 to 1.50 -----	2	—	—	—	—	1	—	—	1	7.00	23
1.51 or more -----	7	—	4	—	—	—	—	—	3	2.38	32
UNITS IN STRUCTURE -----											
1, detached or attached -----	2 873	643	835	567	456	201	104	46	21	2.45	8 310
2 -----	2 730	989	953	441	253	70	13	8	3	1.89	5 765
3 and 4 -----	875	501	198	121	44	11	—	—	—	1.37	1 442
5 to 9 -----	1 026	489	335	127	53	12	—	10	—	1.57	1 842
10 to 49 -----	901	507	240	114	33	5	2	—	—	1.39	1 476
50 or more -----	365	330	17	18	—	—	—	—	—	1.05	426
Mobile home or trailer, etc. -----	287	98	73	64	37	7	6	2	—	2.12	689
GROSS RENT -----											
Specified renter-occupied housing units -----	8 299	3 366	2 459	1 302	775	248	90	46	13	1.82	17 811
Less than \$100 -----	487	423	35	27	1	1	—	—	—	1.08	570
\$100 to \$149 -----	763	539	151	36	23	8	6	—	—	1.21	1 164
\$150 to \$199 -----	1 562	893	488	106	43	16	12	4	—	1.37	2 513
\$200 to \$249 -----	2 172	779	781	398	137	37	16	18	6	1.89	4 474
\$250 to \$299 -----	1 669	452	563	361	232	48	5	5	3	2.18	3 854
\$300 to \$349 -----	705	78	197	186	164	58	20	—	2	2.92	2 197
\$350 to \$399 -----	270	21	41	76	84	20	11	17	—	3.46	984
\$400 to \$499 -----	162	10	26	40	37	36	12	—	1	3.64	738
\$500 or more -----	43	—	13	12	9	—	—	—	—	3.21	183
No cash rent -----	466	171	164	60	45	15	8	2	1	1.88	1 134
Median -----	\$224	\$184	\$229	\$257	\$283	\$306	\$305	\$237	\$250	...	...
SELECTED CHARACTERISTICS -----											
All income levels in 1979 -----	9 057	3 557	2 651	1 452	876	306	125	66	24	1.87	19 950
Median income -----	\$11 219	\$7 293	\$13 377	\$14 384	\$15 612	\$16 915	\$18 603	\$16 500	\$16 250	...	...
Median gross rent as percentage of household income -----	23.4	26.0	21.1	22.4	21.7	21.7	21.5	35.6	17.5	...	...
Income in 1979 below poverty level -----	1 577	727	306	288	156	48	15	27	10	1.70	...
Median income -----	\$3 491	\$2 831	\$3 585	\$4 103	\$4 840	\$5 938	\$7 708	\$7 750	\$6 250	...	...
Median gross rent as percentage of household income -----	50+	50+	50+	50+	50+	50+	36.0	50+	30.0	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
The SMSA																
Owner-occupied housing units																
PERSONS IN UNIT																
1 person	3 729	—	—	—	—	84	228	151	293	451	40	64	35	767	1 616	48.2
2 persons	8 694	339	978	2 723	2 740	50	106	53	154	151	49	59	96	327	1 481	66.7
3 persons	4 979	261	1 224	1 934	478	10	4	28	30	20	14	77	135	152	461	60.9
4 persons	5 686	124	2 012	1 785	86	4	8	40	32	12	—	63	73	88	5	47.2
5 persons	3 152	25	793	1 364	845	—	—	5	3	5	—	14	25	30	15	37.7
6 or more persons	2 406	4	331	1 093	34	—	—	10	8	2	—	14	3	32	15	42.7
Median	2.88	2.64	3.73	3.09	2.11	1.38	1.34	1.45	1.44	1.21	1.73	2.76	2.96	1.40	1.18	...
Total persons	90 140	2 119	19 623	22 972	7 623	232	636	571	988	909	171	783	1 129	2 537	2 769	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	28 124	747	5 309	7 625	3 256	137	379	268	505	568	103	286	387	1 349	2 112	47.9
1.01 or more persons per room	649	2	151	226	7	—	—	6	4	—	—	—	2	9	—	42.0
Locking complete plumbing for exclusive use	522	6	29	113	103	11	2	19	45	73	—	—	—	27	72	52.5
1.01 or more persons per room	36	2	4	16	2	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage	20 326	466	4 220	5 193	2 239	57	208	154	283	409	49	194	275	1 107	1 689	47.3
Less than 15 percent	11 612	456	4 000	2 488	155	33	179	137	113	58	23	148	217	335	64	5
15 to 19 percent	3 208	19	635	1 013	23	2	44	27	30	3	—	9	33	43	5	43.3
20 to 24 percent	2 660	79	970	895	29	6	24	37	25	10	—	18	22	67	6	36.8
25 to 29 percent	2 177	117	1 019	585	282	14	17	16	30	—	—	15	15	61	6	34.3
30 to 34 percent	1 460	89	661	349	132	2	27	27	2	6	8	13	58	50	12	33.9
35 percent or more	700	56	293	169	74	6	18	11	13	2	6	12	18	12	3	33.7
Median	1 374	96	413	206	57	15	49	17	13	29	6	76	71	102	31	38.1
Not mortgaged	33	—	9	3	2	—	—	2	20.2	8	—	5	—	—	2	—
Median	19.9	25.7	21.9	18.3	27.2	34.1	25.8	21.1	17.0	35.1	30.4	36.7	28.3	37.5	35.0	...
Renter-occupied housing units																
With a mortgage	8 714	10	220	577	2 084	24	29	17	170	351	26	46	58	772	1 625	63.9
Less than 10 percent	3 172	4	132	361	1 700	4	13	4	73	37	7	3	11	180	151	56.5
10 to 14 percent	1 795	3	67	139	543	4	15	5	47	26	7	3	21	103	188	62.9
15 to 19 percent	1 097	—	15	45	161	7	4	2	7	64	5	1	16	135	236	67.8
20 to 24 percent	664	—	6	81	239	—	—	—	9	51	—	—	2	59	191	69.2
25 to 29 percent	589	—	—	55	178	—	—	—	—	23	—	—	8	56	219	70.7
30 to 34 percent	384	—	—	12	148	—	—	—	—	90	—	—	—	23	170	73.5
35 percent or more	965	3	—	66	101	2	—	2	17	2	7	4	—	215	451	69.8
Median	48	11.7	10—	10—	15.4	15.4	10.5	14.5	11.3	24.0	16.0	10—	14.3	18.8	25.8	...
PERSONS IN UNIT																
1 person	3 557	—	—	—	—	471	732	668	232	203	879	805	288	493	1 007	31.5
2 persons	2 651	447	350	183	387	471	480	154	259	167	381	335	72	302	936	39.3
3 persons	1 452	271	328	138	34	8	46	19	35	33	363	167	59	116	66	28.0
4 persons	366	146	364	86	4	—	6	17	1	—	113	215	40	14	—	28.8
5 persons	306	37	87	27	2	5	5	5	—	—	20	75	26	10	—	31.5
6 or more persons	215	3	326	64	2	—	—	9	—	—	—	11	2	2	—	35.4
Median	1.87	2.52	3.26	2.88	2.05	1.28	1.20	1.25	1.10	1.11	1.66	1.90	2.66	1.32	1.04	...
Total persons	19 950	2 560	4 230	1 604	943	1 096	1 049	381	353	237	1 512	1 592	786	804	1 040	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	8 587	871	1 178	468	409	672	645	196	247	173	828	778	281	465	954	31.4
1.01 or more persons per room	162	24	53	18	5	—	—	36	66	—	5	6	2	—	—	33.7
Locking complete plumbing for exclusive use	470	33	21	3	20	60	23	—	—	30	51	27	7	28	53	37.9
1.01 or more persons per room	9	—	—	2	—	—	—	—	—	2	1	—	1	—	—	44.2
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent	8 299	833	1 051	377	386	684	638	214	279	178	863	788	263	458	918	30.9
15 to 19 percent	1 618	187	277	103	128	142	200	77	90	2	86	79	37	98	54	30.4
20 to 24 percent	1 394	208	304	86	36	130	136	56	63	20	85	94	35	51	67	29.4
25 to 29 percent	311	196	171	23	54	110	107	33	37	14	154	182	29	46	132	27.9
30 to 34 percent	844	68	93	46	18	74	57	29	10	13	87	76	23	61	164	32.6
35 to 39 percent	501	47	40	15	15	33	51	7	30	2	58	52	11	38	40	31.9
40 to 49 percent	916	61	81	32	26	70	54	—	6	49	121	86	14	69	156	34.8
50 percent or more	1 226	69	46	21	37	115	10	10	30	33	264	213	99	59	194	30.9
Median	23.4	20.3	18.8	19.2	19.0	23.0	19.1	17.6	18.4	35.3	31.3	27.4	15	36	111	63.5
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...

Table A — 11. **Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980**

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.)

The SMSA

Owner-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use 3 552
Lacking complete plumbing for exclusive use 177

UNITS IN STRUCTURE

1, detached or attached 3 190
2 or more 314
Mobile home or trailer, etc. 225

HOUSEHOLD INCOME IN 1979

Less than \$5,000 1 547
\$5,000 to \$9,999 1 116
\$10,000 to \$12,499 358
\$12,500 to \$14,999 148
\$15,000 to \$19,999 311
\$20,000 to \$24,999 106
\$25,000 to \$34,999 77
\$35,000 to \$49,999 23
\$50,000 or more 43
Median \$6 157
Mean \$9 056

MORTGAGE STATUS AND SELECTED MONTHLY

OWNER COSTS

Specified owner-occupied housing units

With a mortgage 524
Less than \$200 63
\$200 to \$249 111
\$250 to \$299 76
\$300 to \$349 102
\$350 to \$399 71
\$400 to \$499 57
\$500 to \$599 15
\$600 to \$749 21
\$750 or more 8
Median \$306
Not mortgaged 2 146
Less than \$50 28
\$50 to \$74 95
\$75 to \$99 287
\$100 to \$124 571
\$125 to \$149 565
\$150 to \$199 423
\$200 to \$249 120
\$250 or more 57
Median \$129

SELECTED CHARACTERISTICS

Median selected monthly owner costs as percentage of household income in 1979 28.5
With a mortgage 31.4
Not mortgaged 27.9
Income in 1979 below poverty level 711
Percent below poverty level 19.1

Renter-occupied housing units

PLUMBING FACILITIES

Complete plumbing for exclusive use 3 245
Lacking complete plumbing for exclusive use 312

UNITS IN STRUCTURE

1, detached or attached 643
2 989
3 and 4 501
5 to 9 489
10 to 49 507
50 or more 330
Mobile home or trailer, etc. 98

HOUSEHOLD INCOME IN 1979

Less than \$5,000 1 330
\$5,000 to \$9,999 969
\$10,000 to \$12,499 413
\$12,500 to \$14,999 268
\$15,000 to \$19,999 417
\$20,000 to \$24,999 113
\$25,000 to \$34,999 43
\$35,000 to \$49,999 2
\$50,000 or more 2
Median \$7 293
Mean \$8 666

GROSS RENT

Specified renter-occupied housing units

Less than \$100 423
\$100 to \$149 539
\$150 to \$199 893
\$200 to \$249 779
\$250 to \$299 452
\$300 to \$349 78
\$350 to \$399 21
\$400 to \$499 10
\$500 or more 171
No cash rent 184
Median \$184

SELECTED CHARACTERISTICS

Median gross rent as percentage of household income in 1979 26.0
Income in 1979 below poverty level 727
Percent below poverty level 20.4

	Male householder						Female householder					
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
3 729	1 207	84	228	151	293	451	2 522	40	64	35	767	1 616
3 552 177	1 104 103	74 10	226 2	139 12	267 26	398 53	2 448 74	40 —	64 —	35 —	754 13	1 555 61
3 190 314 225	960 121 126	42 8 34	157 43 28	109 24 18	254 15 24	398 31 22	2 230 193 99	29 — 11	51 5 8	29 — 6	701 30 36	1 420 158 38
1 547 1 116 358 148 311 106 77 23 43	306 351 125 56 202 66 53 18 30	16 19 27 2 17 — 3 — —	8 28 52 23 78 21 15 2 1	25 24 8 10 30 26 11 6 11	61 70 12 21 64 14 23 10 18	196 210 26 — 13 5 1 — —	1 241 765 233 92 109 40 24 5 13	7 27 — 6 — — — — 11	7 13 14 13 6 — — — —	2 2 2 — 14 6 9 — —	291 222 128 42 49 24 7 2 —	934 501 89 31 40 10 8 3 —
\$6 157 \$9 056	\$9 184 \$12 230	\$10 648 \$10 083	\$15 167 \$15 379	\$16 518 \$19 536	\$12 917 \$15 864	\$5 555 \$6 231	\$5 100 \$7 537	\$8 250 \$7 615	\$12 143 \$37 851	\$17 054 \$18 560	\$7 487 \$8 231	\$4 606 \$5 767
2 670 524 63 111 76 102 71 57 15 21 8 \$306 2 146 28 95 287 571 565 423 120 57 \$129	678 277 13 48 54 51 33 36 15 19 8 \$323 401 17 24 46 102 108 91 2 11 \$128	30 16 — — 6 2 — 8 — — — \$425 14 2 — — 2 — — — — \$118	129 111 4 14 19 23 19 21 5 6 — \$340 18 5 — 6 5 — — — \$92	81 73 4 8 23 4 10 11 — 13 — \$319 8 — — — — — — — \$142	146 46 5 14 — 13 2 4 — — 8 \$315 100 6 7 8 30 27 20 2 — — \$124	292 31 — 12 6 9 2 — 2 — — \$279 261 4 17 32 58 76 63 — 11 — \$131	1 992 247 50 63 22 51 38 21 — 2 — — \$274 1 745 11 71 241 469 457 332 118 46 \$129	29 17 — 5 — 12 — 9 — — — \$315 12 — 5 — — — 7 — — \$157	44 33 7 — — 11 6 — — — — \$343 11 — — — — — — — — \$225	25 23 — — — 6 10 7 — — — \$377 2 — 2 — — — — — — \$63	639 129 35 52 5 20 13 2 — — — \$228 510 2 5 58 126 127 126 55 11 — \$138	1 255 45 8 6 2 2 9 3 — — — \$275 1 210 9 64 178 343 330 199 52 35 — \$126
28.5 31.4 27.9 711 19.1	24.7 28.0 22.8 170 14.1	36.3 42.5 16.4 16 19.0	25.5 27.3 10 3.5	19.2 20.8 11.7 16 10.6	19.6 23.2 13.7 54 18.4	28.5 50+ 26.6 76 16.9	29.8 36.5 29.1 541 21.5	33.8 32.9 50+ 7 17.5	36.4 40.4 10 7 10.9	23.2 23.9 17.5 — —	28.5 37.1 26.2 216 28.2	30.3 50+ 30.0 311 19.2
3 557	1 531	471	480	154	259	167	2 026	381	335	72	302	936
3 245 312	1 341 190	420 51	466 14	123 31	193 66	139 28	1 904 122	348 33	326 9	66 6	279 23	885 51
643 989 501 489 507 330 98	306 347 260 273 264 17 64	89 105 79 75 109 — 14	97 118 96 93 57 5 14	18 33 21 36 33 — 13	50 44 50 48 47 — 20	52 47 14 21 18 12 3	337 642 241 216 243 313 34	40 166 49 73 39 — 14	44 126 72 50 37 — 6	18 28 24 2 — — —	65 107 37 19 39 35 —	170 215 59 72 128 278 14
1 330 969 413 268 417 113 43 2 2 \$7 293 \$8 666	389 407 230 102 275 98 26 2 2 \$9 623 \$10 351	127 153 72 47 72 — — — — \$8 660 \$8 653	35 112 88 53 129 44 17 2 — \$12 736 \$13 276	26 28 26 2 38 28 4 2 — \$12 212 \$13 405	88 66 38 — 36 26 5 — — \$8 944 \$9 971	113 48 6 — — — — — — \$4 207 \$4 504	941 562 183 166 142 15 17 — — \$5 634 \$7 393	120 169 36 25 31 — — — — \$7 761 \$7 803	37 90 73 86 42 7 — — — \$11 387 \$10 817	29 4 9 18 12 — — — — \$10 833 \$8 672	106 95 36 21 24 7 13 — — \$8 047 \$9 210	649 204 29 16 33 1 4 — — \$4 186 \$5 316
3 366 423 539 893 779 452 78 21 10 — 171 \$184	1 437 126 223 437 315 221 29 12 6 — 68 \$187	447 22 62 148 145 37 18 7 — 8 \$196	459 6 72 143 116 97 5 — — 14 \$201	148 26 12 49 11 43 — 5 — 2 \$180	230 46 47 70 36 18 6 — — 7 \$163	153 26 30 27 7 26 — — — 37 \$155	1 929 297 316 456 464 231 49 9 4 103 \$180	375 8 56 120 122 61 7 — — 1 \$201	330 — 52 103 118 39 18 — — — \$204	69 6 6 22 21 6 8 — — — \$202	295 48 45 65 78 32 16 3 — 8 \$185	860 235 157 146 125 93 — 6 — 4 94 \$144
26.0 727 20.4	22.6 232 15.2	27.1 121 25.7	19.5 10 2.1	19.3 26 16.9	19.2 38 14.7	42.3 37 22.2	28.3 495 24.4	30.6 77 20.2	23.3 23 6.9	28.1 29 40.3	28.6 77 25.5	29.8 289 30.9

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----	315	45	82	188	Vacant for rent housing units -----	522	261	150	111
ROOMS					ROOMS				
1 to 3 rooms -----	16	—	9	7	1 room -----	39	25	7	7
4 rooms -----	41	7	13	21	2 rooms -----	5	—	5	—
5 rooms -----	59	10	15	34	3 rooms -----	79	34	33	12
6 rooms -----	80	10	17	53	4 rooms -----	252	128	56	68
7 rooms -----	62	5	11	46	5 rooms -----	78	38	36	4
8 or more rooms -----	57	13	17	27	6 rooms -----	43	23	12	8
Median -----	6.0	6.0	5.7	6.1	7 or more rooms -----	26	13	1	12
					Median -----	4.0	4.1	4.0	4.0
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	285	43	76	166	Complete plumbing for exclusive use -----	478	248	132	98
Lacking complete plumbing for exclusive use -----	30	2	6	22	Lacking complete plumbing for exclusive use -----	44	13	18	13
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	39	25	7	7
1 -----	17	—	9	8	1 -----	131	57	62	12
2 -----	74	16	18	40	2 -----	256	123	65	68
3 -----	132	14	36	82	3 -----	68	44	14	10
4 -----	84	12	18	54	4 -----	21	5	2	14
5 or more -----	8	3	1	4	5 or more -----	7	7	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	112	9	29	74	1975 to March 1980 -----	126	93	22	11
1970 to 1974 -----	15	—	12	3	1970 to 1974 -----	54	30	14	10
1960 to 1969 -----	22	6	—	16	1960 to 1969 -----	50	9	8	33
1950 to 1959 -----	34	4	4	26	1950 to 1959 -----	40	12	23	5
1940 to 1949 -----	18	7	9	2	1940 to 1949 -----	18	15	3	—
1939 or earlier -----	114	19	28	67	1939 or earlier -----	234	102	80	52
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	273	36	71	166	1, detached or attached -----	114	50	33	31
2 or more -----	17	9	—	8	2 -----	62	30	26	6
Mobile home or trailer -----	25	—	11	14	3 and 4 -----	65	10	41	14
HEATING EQUIPMENT					5 to 9 -----	139	99	28	12
Central heating system -----	288	38	76	174	10 to 49 -----	83	65	13	5
Other means -----	27	7	6	14	50 or more -----	—	—	—	—
None -----	—	—	—	—	Mobile home or trailer -----	59	7	9	43
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	215	31	67	117	Specified vacant for rent housing units -----	509	253	145	111
Less than \$10,000 -----	4	—	2	2	Less than \$100 -----	42	17	15	10
\$10,000 to \$19,999 -----	14	3	7	4	\$100 to \$149 -----	126	49	47	30
\$20,000 to \$29,999 -----	32	4	10	18	\$150 to \$199 -----	124	61	37	26
\$30,000 to \$39,999 -----	17	6	1	10	\$200 to \$249 -----	134	105	23	6
\$40,000 to \$49,999 -----	23	4	—	19	\$250 to \$299 -----	60	21	18	21
\$50,000 to \$59,999 -----	38	3	15	20	\$300 to \$399 -----	23	—	5	18
\$60,000 to \$79,999 -----	75	9	22	44	\$400 or more -----	—	—	—	—
\$80,000 to \$99,999 -----	9	2	7	—	Median -----	\$182	\$199	\$163	\$168
\$100,000 or more -----	3	—	3	—					
Median -----	\$53 800	\$48 100	\$59 400	\$51 500					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA															
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total -----	215	4	46	40	122	3	53 800		509	42	250	194	23	—	182
PLUMBING FACILITIES															
Complete plumbing for exclusive use -----	194	3	44	32	112	3	53 900		469	28	224	194	23	—	187
Lacking complete plumbing for exclusive use -----	21	1	2	8	10	—	49 700		40	14	26	—	—	—	113
BEDROOMS															
None -----	—	—	—	—	—	—	—		39	10	22	7	—	—	116
1 -----	13	2	9	2	—	—	20 300		131	11	85	35	—	—	161
2 -----	34	2	19	9	4	—	27 100		250	11	95	122	22	—	216
3 -----	98	—	10	21	64	3	56 800		61	6	33	21	1	—	163
4 -----	69	—	7	8	54	—	63 300		21	4	8	9	—	—	156
5 or more -----	1	—	1	—	—	—	26 300		7	—	7	—	—	—	115
YEAR STRUCTURE BUILT															
1975 to March 1980 -----	88	—	—	13	75	—	62 400		126	2	31	88	5	—	228
1970 to 1974 -----	5	—	—	—	5	—	62 500		54	6	12	36	—	—	233
1960 to 1969 -----	12	—	4	5	3	—	42 000		50	2	10	21	17	—	271
1950 to 1959 -----	31	—	6	4	21	—	54 600		40	11	28	1	—	—	133
1940 to 1949 -----	16	2	4	2	5	3	42 500		14	—	7	7	—	—	225
1939 or earlier -----	63	2	32	16	13	—	27 100		225	21	162	41	1	—	154
UNITS IN STRUCTURE															
1, detached or attached -----	215	4	46	40	122	3	53 800		101	17	54	25	5	—	157
2 or more -----	...	...	...	...	...	...	...		349	19	181	148	1	—	183
Mobile home or trailer -----	...	...	...	...	...	...	...		59	6	15	21	17	—	265

Table B — 1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	7 261	8	324	1 172	1 649	1 787	902	937	230	197	55	42 400	46 800
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	5 201	—	109	650	1 107	1 412	720	791	205	161	46	44 800	49 900
15 to 24 years -----	130	—	—	21	71	27	11	—	—	—	—	36 800	37 000
25 to 34 years -----	1 018	—	5	95	188	311	153	221	27	14	4	46 900	50 300
35 to 44 years -----	975	—	11	45	176	242	164	181	73	75	8	50 800	58 600
45 to 64 years -----	2 110	—	28	265	415	597	321	302	99	54	29	45 500	50 700
65 years and over -----	968	—	65	224	257	235	71	87	6	18	5	37 000	40 800
Male householder, no wife present -----	327	5	29	80	58	62	40	28	—	25	—	38 900	43 700
15 to 24 years -----	21	—	—	6	—	7	—	—	—	—	—	48 200	43 300
25 to 34 years -----	55	5	—	18	19	—	—	4	—	9	—	33 200	45 600
35 to 44 years -----	23	—	—	—	—	6	—	9	—	8	—	68 100	81 000
45 to 64 years -----	101	—	4	31	9	28	21	—	—	8	—	41 600	44 200
65 years and over -----	127	—	25	25	30	21	11	15	—	—	—	35 100	35 700
Female householder, no husband present -----	1 733	3	186	442	484	313	142	118	25	11	9	34 800	38 200
15 to 24 years -----	20	—	—	—	13	7	—	—	—	—	—	38 800	39 300
25 to 34 years -----	58	3	—	5	31	8	—	—	—	11	—	37 400	49 800
35 to 44 years -----	125	—	—	13	24	45	24	19	—	—	—	46 300	47 200
45 to 64 years -----	576	—	35	134	165	106	69	50	17	—	—	36 800	40 100
65 years and over -----	954	—	151	290	251	147	49	49	8	—	9	31 300	35 100
Median age -----	54.4	29.0	72.2	63.9	56.6	52.0	50.6	47.7	46.6	41.6	53.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	505	—	—	9	153	94	57	109	24	50	9	49 700	59 200
1975 to 1978 -----	1 747	5	33	196	291	465	230	324	95	89	19	46 500	53 700
1970 to 1974 -----	942	3	39	125	153	269	158	151	16	14	14	45 400	48 900
1960 to 1969 -----	1 544	—	45	202	399	366	218	199	77	28	10	43 100	47 900
1959 or earlier -----	2 523	—	207	640	653	593	239	154	18	16	3	35 700	38 100
ROOMS													
1 to 3 rooms -----	74	5	36	14	15	4	—	—	—	—	—	18 300	21 800
4 rooms -----	747	3	130	248	228	122	—	16	—	—	—	29 700	30 700
5 rooms -----	1 656	—	65	385	488	525	123	64	6	—	—	37 700	38 000
6 rooms -----	1 995	—	46	292	473	589	349	198	32	13	3	43 000	44 300
7 rooms -----	1 469	—	39	164	318	348	239	307	41	13	—	44 900	48 100
8 or more rooms -----	1 320	—	8	69	127	199	191	352	151	171	52	63 500	70 800
Median -----	6.1	3.3	4.5	5.3	5.7	5.9	6.4	7.1	8.1	8.5+	8.5+	...	...
BEDROOMS													
None -----	—	—	—	—	—	—	—	—	—	—	—	—	—
1 -----	151	5	47	35	42	22	—	—	—	—	—	26 400	26 800
2 -----	1 719	3	162	524	538	349	58	57	—	28	—	32 700	35 100
3 -----	3 608	—	76	477	746	1 029	594	526	91	51	18	44 600	47 400
4 -----	1 554	—	39	127	292	340	224	318	111	80	23	49 200	56 400
5 or more -----	229	—	—	9	31	47	26	36	28	38	14	60 700	73 100
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	515	—	5	—	19	19	113	201	54	89	15	66 900	76 800
1970 to 1974 -----	304	—	—	6	27	31	84	136	20	—	—	60 600	59 600
1960 to 1969 -----	881	—	—	47	87	203	189	242	73	30	10	55 100	59 400
1950 to 1959 -----	1 715	—	33	225	345	563	284	179	41	21	24	44 300	47 600
1940 to 1949 -----	1 118	—	65	233	304	332	82	75	20	7	—	38 700	39 900
1939 or earlier -----	2 728	8	221	661	867	639	150	104	22	50	6	35 300	38 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	695	—	149	210	176	100	20	32	8	—	—	29 500	32 100
\$5,000 to \$9,999 -----	907	8	64	256	300	172	71	30	6	—	—	34 200	35 500
\$10,000 to \$12,499 -----	438	—	12	106	146	117	22	30	—	5	—	37 600	39 200
\$12,500 to \$14,999 -----	445	—	24	85	129	123	40	39	—	5	—	38 900	40 400
\$15,000 to \$19,999 -----	1 064	—	61	161	247	320	139	112	5	5	14	41 800	43 600
\$20,000 to \$24,999 -----	1 205	—	4	162	265	408	150	152	46	13	5	44 100	47 200
\$25,000 to \$34,999 -----	1 519	—	4	150	250	413	304	307	57	31	3	48 100	51 400
\$35,000 to \$49,999 -----	622	—	6	36	110	105	118	155	55	38	5	55 100	59 300
\$50,000 or more -----	366	—	—	6	26	29	8	80	53	100	28	79 500	87 300
Median -----	\$20 290	\$6 250	\$5 591	\$12 912	\$16 312	\$20 603	\$25 253	\$26 670	\$29 919	\$50 301	\$50 951	...	...
Mean -----	\$22 408	\$6 658	\$9 446	\$14 934	\$18 093	\$20 755	\$25 732	\$29 389	\$39 807	\$56 600	\$74 732	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	3 558	3	42	361	687	918	582	625	151	143	46	47 300	53 100
Less than 15 percent -----	1 106	—	11	127	204	282	202	166	34	56	24	47 300	54 100
15 to 19 percent -----	768	—	5	107	141	220	118	118	23	31	5	46 400	50 500
20 to 24 percent -----	626	—	10	39	110	185	119	113	37	13	—	48 100	52 000
25 to 29 percent -----	468	3	5	34	101	91	55	127	24	25	3	50 000	55 300
30 to 34 percent -----	174	—	5	6	25	37	46	25	21	—	9	52 700	60 100
35 percent or more -----	402	—	6	48	92	103	42	76	12	18	5	44 800	52 100
Not computed -----	14	—	—	—	14	—	—	—	—	—	—	32 500	32 500
Median -----	19.3	27.5	22.5	17.5	19.7	19.0	18.8	21.3	22.5	17.5	14.0	...	...
Not mortgaged -----	3 703	5	282	811	962	869	320	312	79	54	9	37 800	40 800
Less than 10 percent -----	1 263	—	49	213	309	326	123	164	40	34	—	41 300	45 000
10 to 14 percent -----	769	—	31	173	176	239	78	49	18	5	—	40 200	40 800
15 to 19 percent -----	493	—	43	125	150	67	53	37	13	5	—	36 300	39 500
20 to 24 percent -----	228	—	9	54	90	32	12	17	—	5	9	34 400	43 700
25 to 29 percent -----	304	—	55	70	83	42	29	20	—	5	—	32 500	35 700
30 to 34 percent -----	190	—	35	53	51	41	5	5	—	—	—	31 100	32 300
35 percent or more -----	436	—	60	123	103	102	20	20	8	—	—	35 100	35 600
Not computed -----	20	—	—	—	—	20	—	—	—	—	—	43 800	44 300
Median -----	13.8	10	25.8	15.8	14.9	12.1	12.4	10	10	10	22.5	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	7 246	8	315	1 166	1 649	1 787	902	937	230	197	55	42 400	46 900
1.01 or more persons per room -----	39	—	—	6	12	15	—	6	—	—	—	40 500	41 900
Lacking complete plumbing for exclusive use -----	15	—	9	6	—	—	—	—	—	—	—	19 600	22 800
1.01 or more persons per room -----	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment -----	7 261	8	324	1 172	1 649	1 787	902	937	230	197	55	42 400	46 800
Central heating system -----	6 895	8	242	1 069	1 568	1 737	885	910	224	197	55	42 900	47 500
Air conditioning -----	1 771	—	18	245	370	381	258	292	87	79	37	46 300	53 400
Central system -----	457	—	—	39	53	64	73	119	50	49	10	59 900	66 500
Income in 1979 below poverty level -----	366	—	80	81	105	67	10	23	—	—	—	32 300	33 100
Percent below poverty level -----	5.0	—	24.7	6.9	6.4	3.7	1.1	2.5	—	—	—	...	...

Table B — 2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	4 440	387	493	927	1 176	729	318	166	88	21	135	213
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	1 270	13	57	170	343	293	162	97	75	8	52	254
15 to 24 years	324	—	8	40	147	79	27	15	8	—	—	235
25 to 34 years	418	7	12	49	108	104	63	24	37	5	9	262
35 to 44 years	160	—	6	15	18	57	24	17	—	—	—	318
45 to 64 years	168	—	6	29	36	28	5	34	8	—	22	253
65 years and over	200	6	25	37	34	10	—	14	5	3	16	234
Male householder, no wife present	971	103	150	295	229	138	21	14	9	—	12	190
15 to 24 years	355	24	50	130	104	40	4	3	—	—	—	193
25 to 34 years	269	6	55	68	74	46	5	—	9	—	6	201
35 to 44 years	75	21	—	15	16	14	4	5	—	—	—	227
45 to 64 years	181	38	29	64	30	12	8	—	—	—	—	164
65 years and over	91	14	16	18	5	26	—	6	—	—	6	167
Female householder, no husband present	2 199	271	286	462	604	298	135	55	4	13	71	203
15 to 24 years	536	16	49	141	197	78	18	13	4	13	7	215
25 to 34 years	529	8	78	120	175	66	57	25	—	—	—	215
35 to 44 years	142	6	10	18	16	31	42	4	—	—	15	263
45 to 64 years	330	45	40	76	102	45	18	4	—	—	—	202
65 years and over	662	196	109	107	114	78	—	9	—	—	49	160
Median age	32.5	66.6	34.5	29.6	27.7	31.6	33.8	35.9	31.1	24.0	65.9	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	1 833	106	154	317	543	373	157	95	64	16	8	228
1975 to 1978	1 643	141	148	355	468	255	155	59	24	—	38	215
1970 to 1974	456	48	109	126	67	66	6	6	—	5	19	166
1960 to 1969	330	48	53	98	78	28	—	6	—	—	16	169
1959 or earlier	178	30	29	31	20	7	—	—	—	—	61	148
ROOMS												
1 room	123	86	20	17	—	—	—	—	—	—	—	90
2 rooms	269	68	58	62	63	18	—	—	—	—	—	158
3 rooms	1 030	156	207	293	278	66	—	—	6	—	24	170
4 rooms	1 433	64	147	309	448	327	79	20	8	—	31	219
5 rooms	944	13	49	192	247	215	106	42	29	8	43	234
6 rooms	443	—	8	49	102	88	118	47	25	—	6	275
7 or more rooms	198	—	4	5	38	15	15	57	20	13	31	356
Median	4.1	2.8	3.3	3.8	4.1	4.4	5.3	5.9	5.5	6.7	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	4 440	387	493	927	1 176	729	318	166	88	21	135	213
Complete plumbing for exclusive use	4 177	276	425	915	1 124	715	318	166	88	21	129	216
0.50 or less	3 073	246	382	796	795	478	169	71	23	13	100	203
0.51 to 1.00	1 032	30	43	102	294	237	144	89	59	8	26	256
1.01 to 1.50	48	—	—	11	17	—	5	6	—	—	—	224
1.51 or more	24	—	—	6	18	—	—	—	—	—	—	208
Lacking complete plumbing for exclusive use	263	111	68	12	52	14	—	—	—	—	6	123
0.50 or less	149	25	55	5	44	14	—	—	—	—	6	146
0.51 to 1.00	114	86	13	7	8	—	—	—	—	—	—	87
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	924	146	93	172	257	122	51	49	7	—	27	208
Complete plumbing for exclusive use	843	95	81	160	251	122	51	49	7	—	27	215
1.01 or more persons per room	25	—	—	6	13	—	—	6	—	—	—	213
Lacking complete plumbing for exclusive use	81	51	12	12	6	—	—	—	—	—	—	93
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	148	86	26	36	—	—	—	—	—	—	—	95
1	1 528	231	317	450	373	112	—	5	6	—	34	169
2	1 971	68	138	371	674	446	162	40	8	—	64	225
3	663	2	8	66	110	165	120	105	59	8	20	289
4	124	—	4	4	13	6	36	16	15	13	17	337
5 or more	6	—	—	—	6	—	—	—	—	—	—	238
UNITS IN STRUCTURE												
1, detached or attached	908	8	34	73	208	139	137	131	80	21	77	279
2	1 856	71	225	476	570	294	139	35	8	—	38	210
3 and 4	494	5	101	188	114	56	30	—	—	—	—	183
5 to 9	331	46	31	75	74	98	7	—	—	—	—	206
10 to 49	486	88	52	89	152	85	5	—	—	—	15	202
50 or more	365	169	50	26	58	57	—	—	—	—	5	104
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1975 to March 1980	472	94	61	19	103	93	49	21	24	—	8	227
1970 to 1974	215	11	16	38	55	72	10	—	13	—	—	240
1960 to 1969	308	105	8	34	42	54	29	9	6	5	16	199
1950 to 1959	381	6	7	86	130	99	24	18	7	—	4	228
1940 to 1949	706	14	28	136	273	88	83	40	15	—	29	227
1939 or earlier	2 358	157	373	614	573	323	123	78	23	16	78	200
STORIES IN STRUCTURE												
1 to 3	4 126	234	464	916	1 117	672	318	166	88	21	130	215
4 or more	314	153	29	11	59	57	—	—	—	—	5	101
With elevator	296	153	23	11	52	57	—	—	—	—	—	88
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	774	90	108	244	199	93	31	6	3	—	...	187
15 to 19 percent	643	48	90	141	160	117	55	15	17	—	...	211
20 to 24 percent	657	97	64	143	136	122	54	12	16	13	...	210
25 to 29 percent	543	97	52	91	144	66	60	26	7	—	...	210
30 to 34 percent	304	20	45	35	105	45	21	23	10	—	...	218
35 to 49 percent	590	20	112	94	171	120	16	29	20	8	...	217
50 percent or more	789	15	22	174	261	166	81	55	15	—	...	235
Not computed	140	—	—	5	—	—	—	—	—	—	135	185
Median	25.7	22.9	23.8	22.7	28.2	27.5	26.6	36.0	30.5	24.0	...	...
SELECTED CHARACTERISTICS												
Heating equipment	4 440	387	493	927	1 176	729	318	166	88	21	135	213
Central heating system	3 849	371	397	724	1 036	677	288	143	80	21	112	216
Air conditioning	697	34	59	112	152	213	47	12	22	—	46	238
Central system	98	17	8	12	18	26	4	6	3	—	4	233

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	8 293	807	1 158	545	535	1 237	1 315	1 614	673	409	19 378	21 948	439
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 857	105	579	284	409	908	1 116	1 460	639	357	22 437	25 675	103
15 to 24 years	147	—	11	21	19	25	48	23	—	—	19 688	18 382	5
25 to 34 years	1 106	21	15	25	86	277	298	289	80	15	22 354	23 607	21
35 to 44 years	1 028	11	—	18	35	116	214	435	123	76	27 763	30 144	11
45 to 64 years	2 362	43	114	71	116	316	473	619	388	222	25 563	29 412	57
65 years and over	1 214	30	439	149	153	174	83	94	48	44	12 315	17 385	9
Male householder, no wife present	472	97	81	55	14	78	37	70	12	28	13 036	17 534	57
15 to 24 years	36	7	—	8	—	14	7	—	—	—	15 536	12 615	—
25 to 34 years	104	—	10	32	—	22	15	12	7	6	16 471	20 883	—
35 to 44 years	42	6	—	—	6	10	—	9	—	11	19 583	32 287	—
45 to 64 years	130	18	12	6	8	23	10	37	5	11	19 722	22 158	24
65 years and over	160	66	59	9	—	9	5	12	—	—	6 944	8 836	26
Female householder, no husband present	1 964	605	498	206	112	251	162	84	22	24	8 464	11 894	279
15 to 24 years	29	16	6	7	—	—	—	—	—	—	4 766	6 108	16
25 to 34 years	71	13	13	5	6	8	7	—	—	11	14 375	36 418	13
35 to 44 years	125	—	12	27	12	32	12	17	6	7	16 106	19 299	—
45 to 64 years	604	144	103	70	39	103	88	40	11	6	11 964	13 675	115
65 years and over	1 135	432	364	97	55	108	54	20	5	—	6 371	8 745	135
Median age	55.2	71.8	70.5	63.4	60.5	54.1	47.2	45.6	49.9	50.7	...	...	62.0
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	581	18	32	38	37	106	108	117	66	59	22 254	29 041	23
1975 to 1978	1 968	83	132	101	114	330	422	460	204	122	22 435	26 240	83
1970 to 1974	1 046	71	117	47	44	162	196	247	107	55	21 627	23 226	52
1960 to 1969	1 721	121	181	106	90	248	289	444	150	92	21 468	23 229	72
1959 or earlier	2 977	514	696	253	250	391	300	346	146	81	12 755	16 536	209
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	8 211	794	1 123	537	535	1 219	1 315	1 606	673	409	19 525	22 055	427
1.01 or more persons per room	42	—	—	—	—	11	12	8	11	—	24 167	27 191	—
Lacking complete plumbing for exclusive use	82	13	35	8	—	18	—	8	—	—	9 300	11 181	12
1.01 or more persons per room	6	—	6	—	—	—	—	—	—	—	8 750	8 480	—
Heating equipment	8 293	807	1 158	545	535	1 237	1 315	1 614	673	409	19 378	21 948	439
Central heating system	7 828	705	1 077	487	513	1 160	1 266	1 543	668	409	19 862	22 427	389
Air conditioning	1 980	91	224	68	145	336	319	461	190	146	21 649	26 235	30
Central system	537	30	51	11	30	47	94	118	50	106	25 327	36 899	5
Vehicles available	7 532	407	928	507	500	1 201	1 315	1 592	673	409	20 711	23 478	262
1	3 370	349	769	389	299	577	467	387	83	50	13 988	16 293	189
2 or more	4 162	58	159	118	201	624	848	1 205	590	359	25 482	29 295	73
House heating fuel	8 293	807	1 158	545	535	1 237	1 315	1 614	673	409	19 378	21 948	439
Utility gas	5 757	466	742	355	393	957	880	1 191	457	316	19 803	22 635	288
Bottled, tank, or LP gas	20	9	3	—	—	8	—	—	—	—	5 833	9 076	9
Electricity	77	26	17	—	—	11	—	7	—	16	6 838	23 551	6
Fuel oil, kerosene, etc.	2 338	283	384	178	142	250	418	395	211	77	18 111	20 546	131
Other	101	23	12	12	—	11	17	21	5	—	18 295	16 583	5
Median rooms	6.0	5.0	5.4	5.3	5.6	5.8	6.2	6.4	6.9	7.9	...	...	5.1
Specified owner-occupied housing units	7 261	695	907	438	445	1 064	1 205	1 519	622	366	20 290	22 408	366
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	3 558	102	102	149	159	593	814	1 019	396	224	23 952	26 892	88
Less than \$200	169	12	3	—	16	45	62	19	12	—	20 443	20 491	12
\$200 to \$249	405	6	32	32	26	89	80	106	24	10	20 706	21 727	6
\$250 to \$299	498	27	13	20	39	66	121	174	33	5	22 360	22 615	15
\$300 to \$349	621	37	28	46	10	118	155	179	36	12	21 493	22 047	30
\$350 to \$399	500	14	—	22	14	122	117	98	113	—	23 347	24 869	14
\$400 to \$499	652	6	5	14	32	85	159	204	78	69	25 938	29 876	11
\$500 to \$599	339	—	15	10	—	51	94	114	25	30	24 496	28 145	—
\$600 to \$749	186	—	6	—	11	17	12	85	32	23	30 255	36 622	—
\$750 or more	188	—	—	5	11	—	14	40	43	75	34 333	54 262	—
Median	\$359	\$308	\$305	\$324	\$298	\$341	\$346	\$366	\$391	\$553	...	...	\$318
Not mortgaged	3 703	593	805	289	286	471	391	500	226	142	13 938	18 099	278
Less than \$50	5	—	5	—	—	—	—	—	—	—	6 250	7 005	—
\$50 to \$74	48	31	17	—	—	—	—	—	—	—	4 271	4 090	20
\$75 to \$99	235	113	59	20	12	24	7	—	—	—	5 208	7 232	67
\$100 to \$124	706	192	172	70	59	95	29	77	6	6	9 701	12 298	95
\$125 to \$149	896	91	271	103	97	88	91	93	53	9	12 087	15 290	18
\$150 to \$199	1 183	113	226	65	92	190	189	208	88	12	17 190	18 788	44
\$200 to \$249	399	27	44	16	16	49	44	86	55	62	25 437	32 553	22
\$250 or more	231	26	11	15	10	25	31	36	24	53	24 519	32 446	12
Median	\$149	\$120	\$139	\$138	\$144	\$157	\$168	\$169	\$181	\$235	...	...	\$114
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	3 558	102	102	149	159	593	814	1 019	396	224	23 952	26 892	88
Less than 15 percent	1 106	—	—	—	7	60	154	441	268	176	31 626	38 488	7
15 to 19 percent	768	—	—	—	29	106	253	280	63	37	24 913	26 678	—
20 to 24 percent	626	—	—	7	12	191	224	157	28	7	21 936	23 283	—
25 to 29 percent	468	—	12	45	43	96	126	109	37	—	21 397	21 901	—
30 to 34 percent	174	—	5	15	14	79	43	14	—	4	18 523	19 350	—
35 percent or more	402	88	85	82	54	61	14	18	—	—	10 854	11 033	67
Not computed	14	14	—	—	—	—	—	—	—	—	2500—	—	14
Median	19.3	50+	47.9	35.9	28.7	23.4	20.0	16.2	12.9	10.6	...	...	50+
Not mortgaged	3 703	593	805	289	286	471	391	500	226	142	13 938	18 099	278
Less than 10 percent	1 263	—	11	8	39	169	238	430	226	142	28 284	33 286	—
10 to 14 percent	769	—	32	134	170	235	128	70	—	—	15 986	16 882	—
15 to 19 percent	493	11	251	97	62	47	25	—	—	—	9 758	10 785	—
20 to 24 percent	228	16	162	25	5	20	—	—	—	—	8 384	8 786	8
25 to 29 percent	304	74	210	10	10	—	—	—	—	—	6 266	6 541	26
30 to 34 percent	190	82	93	15	—	—	—	—	—	—	5 422	5 650	21
35 percent or more	436	390	46	—	—	—	—	—	—	—	3 673	3 711	203
Not computed	20	20	—	—	—	—	—	—	—	—	2500—	—	20
Median	13.8	40.9	23.3	15.1	13.1	11.4	10—	10—	10—	10—	...	...	47.7

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Wausau city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)	Mean (dollars)	
Renter-occupied housing units	4 476	1 209	1 192	483	345	605	407	201	34	—	9 325	11 057	924
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	1 276	50	297	176	144	271	209	109	20	—	14 497	15 214	106
15 to 24 years	330	21	56	53	49	95	39	17	—	—	14 286	14 127	28
25 to 34 years	418	12	66	47	55	103	82	46	7	—	16 576	16 899	24
35 to 44 years	160	—	26	20	20	27	37	25	5	—	16 522	17 992	20
45 to 64 years	168	6	42	11	13	31	45	12	8	—	15 968	16 369	23
65 years and over	200	11	107	45	7	15	6	9	—	—	8 714	10 291	11
Male householder, no wife present	988	242	268	159	43	125	89	54	8	—	9 745	11 210	155
15 to 24 years	355	93	115	40	26	41	23	17	—	—	8 926	10 057	97
25 to 34 years	269	19	82	46	10	64	22	18	8	—	11 821	14 092	6
35 to 44 years	80	21	5	32	—	—	18	4	—	—	11 094	11 846	21
45 to 64 years	193	62	40	29	7	14	26	15	—	—	9 656	11 287	19
65 years and over	91	47	26	12	—	6	—	—	—	—	4 906	6 467	12
Female householder, no husband present	2 212	917	627	148	158	209	109	38	6	—	6 539	8 590	663
15 to 24 years	536	218	168	48	19	48	20	15	—	—	7 451	8 609	199
25 to 34 years	532	159	168	33	78	55	29	4	6	—	8 227	9 605	170
35 to 44 years	146	17	36	17	16	14	27	19	—	—	12 969	14 573	24
45 to 64 years	336	101	104	29	36	47	19	—	—	—	8 659	9 518	78
65 years and over	662	422	151	21	9	45	14	—	—	—	4 373	5 970	192
Median age	32.6	55.0	30.2	33.0	29.5	29.1	33.4	33.1	31.7	—	...	...	31.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 855	518	527	192	148	273	93	83	21	—	8 987	10 650	458
1975 to 1978	1 647	367	394	179	151	222	246	75	13	—	10 873	12 233	300
1970 to 1974	462	133	152	89	27	22	29	10	—	—	7 402	9 141	73
1960 to 1969	334	109	85	13	19	54	39	15	—	—	8 622	10 745	51
1959 or earlier	178	82	34	10	—	34	—	18	—	—	5 761	9 977	42
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	4 213	1 081	1 130	462	331	585	389	201	34	—	9 531	11 255	843
0.50 or less	3 099	883	901	343	239	379	231	93	30	—	8 658	10 386	562
0.51 to 1.00	1 042	192	210	96	92	191	154	103	4	—	13 125	13 760	256
1.01 to 1.50	48	—	11	23	—	5	4	5	—	—	11 413	13 936	11
1.51 or more	24	6	8	—	—	10	—	—	—	—	6 875	9 223	14
Lacking complete plumbing for exclusive use	263	128	62	21	14	20	18	—	—	—	5 583	7 890	81
0.50 or less	149	44	32	21	14	20	18	—	—	—	9 850	10 527	22
0.51 to 1.00	114	84	30	—	—	—	—	—	—	—	3 993	4 443	59
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	4 476	1 209	1 192	483	345	605	407	201	34	—	9 325	11 057	924
Central heating system	3 877	1 074	1 016	381	293	577	337	173	26	—	9 274	11 016	812
Air conditioning	705	141	129	101	56	134	104	37	3	—	12 042	12 948	74
Central system	106	55	26	6	—	10	6	—	3	—	4 898	8 371	24
Vehicles available	3 310	496	886	423	311	576	397	191	30	—	11 613	12 876	488
1	2 255	461	735	318	232	294	170	40	5	—	9 591	10 605	425
2 or more	1 055	35	151	105	79	282	227	151	25	—	17 128	17 730	63
House heating fuel	4 476	1 209	1 192	483	345	605	407	201	34	—	9 325	11 057	924
Utility gas	3 121	906	821	353	213	342	289	174	23	—	8 999	10 943	686
Bottled, tank, or LP gas	56	35	8	11	—	—	—	2	—	—	4 397	6 600	29
Electricity	431	104	121	51	52	57	43	3	—	—	9 635	10 517	84
Fuel oil, kerosene, etc.	864	164	238	68	80	206	75	22	11	—	11 103	12 041	125
Other	4	—	4	—	—	—	—	—	—	—	8 750	8 080	—
Median rooms	4.1	3.4	4.0	4.0	4.3	4.5	4.5	5.2	4.8	—	...	...	3.8
Specified renter-occupied housing units													
4 440	1 201	1 178	483	339	601	403	201	34	—	9 326	11 059	924	
CONTRACT RENT													
Less than \$100	577	332	130	43	13	48	11	—	—	—	4 625	6 503	171
\$100 to \$149	848	285	265	107	60	50	44	33	4	—	7 717	9 179	196
\$150 to \$199	1 635	328	446	198	175	253	174	57	4	—	10 549	11 587	307
\$200 to \$249	829	140	234	92	56	169	80	41	17	—	11 101	12 789	152
\$250 to \$299	343	70	83	25	35	46	53	25	6	—	11 850	13 159	71
\$300 to \$349	46	—	—	4	—	20	—	22	—	—	19 375	22 536	—
\$350 to \$399	21	—	—	5	—	—	8	5	3	—	24 219	24 377	—
\$400 to \$499	6	—	—	—	—	6	—	—	—	—	16 250	17 005	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	135	46	20	9	—	9	33	18	—	—	10 417	13 732	27
Median	\$170	\$143	\$166	\$173	\$173	\$192	\$186	\$202	\$222	—	...	...	\$169
GROSS RENT													
Less than \$100	387	289	75	10	2	6	5	—	—	—	4 033	4 934	146
\$100 to \$149	493	182	180	57	24	26	12	12	—	—	6 507	8 007	93
\$150 to \$199	927	227	263	132	72	131	69	29	4	—	9 474	10 545	172
\$200 to \$249	1 176	261	351	137	130	149	111	37	—	—	9 717	10 955	257
\$250 to \$299	729	120	187	77	69	136	89	40	11	—	11 867	12 954	122
\$300 to \$349	318	51	39	32	24	82	51	29	10	—	15 625	15 355	51
\$350 to \$399	166	25	48	11	18	35	17	6	6	—	12 273	13 395	49
\$400 to \$499	88	—	15	15	—	22	16	17	3	—	16 591	18 765	7
\$500 or more	21	—	—	3	—	5	—	13	—	—	30 154	25 233	—
No cash rent	135	46	20	9	—	9	33	18	—	—	10 417	13 732	27
Median	\$213	\$170	\$206	\$215	\$226	\$244	\$241	\$262	\$310	—	...	...	\$208
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	774	6	61	44	48	203	239	139	34	—	20 342	20 252	—
15 to 19 percent	643	48	73	97	112	179	103	31	—	—	14 810	14 999	15
20 to 24 percent	657	83	163	131	119	120	28	13	—	—	11 574	11 799	30
25 to 29 percent	543	114	201	121	42	65	—	—	—	—	9 011	9 152	79
30 to 34 percent	304	51	175	45	18	15	—	—	—	—	8 432	8 440	31
35 to 49 percent	590	180	364	36	—	10	—	—	—	—	6 159	6 480	119
50 percent or more	789	668	121	—	—	—	—	—	—	—	3 494	3 569	618
Not computed	140	51	20	9	—	9	33	18	—	—	9 688	13 242	32
Median	25.7	50+	32.3	23.7	20.4	17.6	13.6	12.1	10—	—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Wausau city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	3 558	169	405	498	621	500	652	339	186	188	359
PERSONS IN UNIT											
1 person	190	12	50	37	46	18	7	8	4	8	295
2 persons	777	59	108	104	132	104	144	58	35	33	345
3 persons	789	43	98	99	105	160	165	78	16	25	365
4 persons	1 022	44	63	168	203	116	212	87	77	52	364
5 persons	531	4	76	57	95	78	71	82	25	43	371
6 persons	196	7	5	27	35	13	49	15	29	16	427
7 persons	37	—	—	6	5	5	4	11	—	6	481
8 or more persons	16	—	5	—	—	6	—	—	—	5	375
Median	3.52	2.81	2.95	3.55	3.64	3.30	3.55	3.79	3.99	4.04	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	3 037	131	319	403	508	436	600	306	167	167	368
15 to 24 years	130	—	6	10	25	34	50	5	—	—	385
25 to 34 years	994	29	38	75	179	154	296	125	70	28	407
35 to 44 years	858	19	64	139	158	77	146	121	53	81	382
45 to 64 years	1 009	67	211	172	141	165	108	46	44	55	319
65 years and over	46	16	—	7	5	6	9	—	—	3	300
Male householder, no wife present	156	4	31	38	15	11	8	15	13	21	317
15 to 24 years	14	—	6	—	—	—	—	8	—	—	513
25 to 34 years	—	—	13	18	—	6	4	—	—	9	283
35 to 44 years	23	—	—	6	—	—	—	—	13	4	663
45 to 64 years	44	4	—	8	8	5	4	7	—	8	370
65 years and over	25	—	12	6	7	—	—	—	—	—	254
Female householder, no husband present	365	34	55	57	98	53	44	18	6	—	319
15 to 24 years	6	—	—	—	6	—	—	—	—	—	325
25 to 34 years	42	3	—	14	18	7	—	—	—	—	311
35 to 44 years	106	—	—	6	31	7	44	12	6	—	410
45 to 64 years	181	26	49	24	43	33	—	6	—	—	282
65 years and over	30	5	6	13	—	6	—	—	—	—	265
Median age	39.6	51.6	50.6	43.2	38.7	38.9	34.2	38.3	38.8	40.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	426	6	13	9	29	63	118	84	17	87	480
1975 to 1978	1 505	10	55	129	296	248	413	190	98	66	403
1970 to 1974	613	32	59	160	104	97	69	38	33	21	327
1960 to 1969	758	63	207	160	154	63	40	27	30	14	284
1959 or earlier	256	58	71	40	38	29	12	—	8	—	249
ROOMS											
1 to 3 rooms	5	5	—	—	—	—	—	—	—	—	175
4 rooms	217	13	58	48	47	38	13	—	—	—	289
5 rooms	616	49	98	103	95	93	120	39	7	12	331
6 rooms	898	60	129	154	150	147	157	52	28	21	335
7 rooms	849	33	107	94	200	124	160	92	19	20	348
8 or more rooms	973	9	13	99	129	98	202	156	132	135	470
Median	6.6	5.8	5.9	6.1	6.6	6.3	6.7	7.4	8.3	8.5	...
YEAR STRUCTURE BUILT											
1975 to March 1980	426	11	—	9	35	38	103	120	49	61	514
1970 to 1974	219	—	6	6	43	42	61	24	24	13	420
1960 to 1969	530	—	59	97	100	37	94	81	39	23	362
1950 to 1959	674	38	107	155	93	93	108	30	29	21	320
1940 to 1949	519	18	70	56	75	82	138	39	—	41	375
1939 or earlier	1 190	102	163	175	275	208	148	45	45	29	328
VALUE											
Less than \$10,000	3	3	—	—	—	—	—	—	—	—	125
\$10,000 to \$19,999	42	16	11	6	5	4	—	—	—	—	223
\$20,000 to \$29,999	361	52	66	141	52	22	28	—	—	—	272
\$30,000 to \$39,999	687	44	143	87	185	119	81	21	—	7	319
\$40,000 to \$49,999	918	43	112	133	184	177	202	42	25	—	346
\$50,000 to \$59,999	582	—	39	98	96	101	131	87	22	8	379
\$60,000 to \$79,999	625	11	34	33	84	67	161	123	87	25	459
\$80,000 to \$99,999	151	—	—	—	15	5	26	31	19	55	595
\$100,000 to \$149,999	143	—	—	—	—	5	18	19	25	76	750+
\$150,000 or more	46	—	—	—	—	—	5	16	8	17	638
Median	\$47 300	\$31 800	\$38 800	\$40 800	\$43 300	\$45 100	\$51 200	\$61 900	\$70 500	\$99 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 106	145	235	224	175	128	112	37	23	27	289
15 to 19 percent	768	9	94	141	155	124	180	18	10	37	345
20 to 24 percent	626	—	13	40	141	144	155	77	43	13	391
25 to 29 percent	468	3	34	53	39	42	88	100	64	45	477
30 to 34 percent	174	—	5	—	15	26	46	52	12	18	492
35 percent or more	402	12	24	40	91	27	71	55	34	48	409
Not computed	14	—	—	—	5	9	—	—	—	—	361
Median	19.3	11.5	13.9	15.9	19.3	19.7	21.1	26.9	26.3	26.9	...
SELECTED CHARACTERISTICS											
Heating equipment	3 558	169	405	498	621	500	652	339	186	188	359
Steam or hot water system	376	5	36	47	46	35	49	55	40	63	431
Central warm-air furnace or electric heat pump	3 004	138	344	442	537	429	579	284	125	125	355
Other built-in electric units	9	—	—	—	—	—	5	—	4	—	445
Floor, wall, or pipeless furnace	18	—	13	—	—	—	—	—	5	—	235
Other means	151	26	12	9	38	36	19	—	11	—	338
Air conditioning	922	50	103	146	132	120	111	120	64	76	363
Central system	196	—	—	6	12	25	47	39	26	41	521
1 or more individual room units	726	50	103	140	120	95	64	81	38	35	329
House heating fuel	3 558	169	405	498	621	500	652	339	186	188	359
Utility gas	2 678	141	323	332	485	310	451	286	172	178	359
Bottled, tank, or LP gas	8	—	—	—	—	—	8	—	—	—	475
Electricity	16	—	—	—	—	—	5	7	4	—	543
Fuel oil, kerosene, etc.	812	21	82	160	128	174	181	46	10	10	354
Other	44	7	—	6	8	16	7	—	—	—	353

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	3 703	5	48	235	706	896	1 183	399	231	149
PERSONS IN UNIT										
1 person -----	1 081	5	26	143	281	282	235	78	31	133
2 persons -----	1 684	—	22	74	338	402	572	174	102	151
3 persons -----	558	—	—	18	59	131	242	72	36	165
4 persons -----	219	—	—	—	24	63	73	40	19	165
5 persons -----	105	—	—	—	4	18	35	24	24	194
6 persons -----	47	—	—	—	—	—	21	7	19	218
7 persons -----	9	—	—	—	—	—	5	4	—	195
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	1.96	1.00	1.42	1.32	1.71	1.91	2.12	2.20	2.33	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	2 164	—	9	80	337	474	806	295	163	161
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	24	—	—	7	—	5	6	6	—	150
35 to 44 years -----	117	—	—	—	16	21	44	18	18	174
45 to 64 years -----	1 101	—	3	18	109	237	475	155	104	169
65 years and over -----	922	—	6	55	212	211	281	116	41	147
Male householder, no wife present -----	171	5	8	12	29	42	63	7	5	144
15 to 24 years -----	7	—	—	—	—	—	—	7	—	225
25 to 34 years -----	5	5	—	—	—	—	—	—	—	50—
35 to 44 years -----	—	—	—	—	—	—	—	—	—	—
45 to 64 years -----	57	—	6	—	19	12	20	—	—	132
65 years and over -----	102	—	2	12	10	30	43	—	5	147
Female householder, no husband present -----	1 368	—	31	143	340	380	314	97	63	136
15 to 24 years -----	14	—	—	—	—	7	—	—	—	150
25 to 34 years -----	16	—	—	—	—	—	5	11	—	214
35 to 44 years -----	19	—	—	—	—	6	13	—	—	163
45 to 64 years -----	395	—	—	43	71	101	103	55	22	146
65 years and over -----	924	—	31	100	269	266	186	31	41	131
Median age -----	65.8	27.5	76.4	71.7	70.0	67.2	63.5	59.6	60.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	79	—	—	13	—	18	19	29	—	172
1975 to 1978 -----	242	5	—	5	45	18	107	49	13	172
1970 to 1974 -----	329	—	2	25	29	90	125	31	27	157
1960 to 1969 -----	786	—	14	32	125	192	240	86	97	156
1959 or earlier -----	2 267	—	32	160	507	578	692	204	94	144
ROOMS										
1 to 3 rooms -----	69	5	16	33	11	—	4	—	—	85
4 rooms -----	530	—	19	79	201	130	89	6	—	121
5 rooms -----	1 040	—	—	68	215	286	346	91	34	146
6 rooms -----	1 097	—	13	38	183	260	434	129	40	156
7 rooms -----	620	—	—	11	74	174	213	84	64	162
8 or more rooms -----	347	—	—	6	22	46	97	89	87	201
Median -----	5.7	3.0	3.9	4.6	5.2	5.6	5.9	6.3	7.1	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	89	—	—	6	—	5	32	41	5	202
1970 to 1974 -----	85	—	—	—	—	19	47	19	—	175
1960 to 1969 -----	351	—	—	15	24	42	124	58	88	188
1950 to 1959 -----	1 041	—	2	30	140	211	437	135	86	166
1940 to 1949 -----	599	—	5	46	161	167	146	54	20	138
1939 or earlier -----	1 538	5	41	138	381	452	397	92	32	136
VALUE										
Less than \$10,000 -----	5	5	—	—	—	—	—	—	—	50—
\$10,000 to \$19,999 -----	282	—	21	73	102	67	13	—	6	112
\$20,000 to \$29,999 -----	811	—	20	67	243	290	167	10	14	132
\$30,000 to \$39,999 -----	962	—	—	76	245	301	276	45	19	138
\$40,000 to \$49,999 -----	869	—	7	13	105	202	422	77	43	163
\$50,000 to \$59,999 -----	320	—	—	—	11	30	173	83	23	184
\$60,000 to \$79,999 -----	312	—	—	6	—	6	132	115	53	205
\$80,000 to \$99,999 -----	79	—	—	—	—	—	—	47	32	242
\$100,000 to \$149,999 -----	54	—	—	—	—	—	—	22	32	250+
\$150,000 or more -----	9	—	—	—	—	—	—	—	9	250+
Median -----	\$37 800	\$10 000—	\$20 900	\$26 500	\$30 300	\$34 100	\$42 800	\$54 400	\$63 300	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 263	5	6	51	240	289	426	169	77	155
10 to 14 percent -----	769	—	6	17	123	194	290	97	42	158
15 to 19 percent -----	493	—	16	51	101	132	122	41	30	140
20 to 24 percent -----	228	—	8	11	39	74	65	11	20	144
25 to 29 percent -----	304	—	5	46	34	95	98	16	10	143
30 to 34 percent -----	190	—	—	34	48	21	51	16	20	140
35 percent or more -----	436	—	—	25	121	91	125	42	32	145
Not computed -----	20	—	7	—	—	—	6	7	—	175
Median -----	13.8	10—	17.7	19.9	14.6	14.1	12.8	11.4	14.6	...
SELECTED CHARACTERISTICS										
Heating equipment -----	3 703	5	48	235	706	896	1 183	399	231	149
Steam or hot water system -----	255	—	—	13	17	38	98	40	49	180
Control warm-air furnace or electric heat pump -----	3 217	5	24	173	654	790	1 036	353	182	149
Other built-in electric units -----	—	—	—	—	—	—	—	—	—	—
Floor, wall, or pipeless furnace -----	16	—	16	—	—	—	—	—	—	63
Other means -----	215	—	8	49	35	68	49	6	—	131
Air conditioning -----	849	3	25	139	165	322	102	93	164	164
Central system -----	261	—	—	—	8	53	103	40	57	184
1 or more individual room units -----	588	—	3	25	131	112	219	62	36	155
House heating fuel -----	3 703	5	48	235	706	896	1 183	399	231	149
Utility gas -----	2 299	5	36	205	504	518	713	201	117	144
Bottled, tank, or LP gas -----	3	—	—	—	—	3	—	—	—	138
Electricity -----	39	—	—	—	6	—	12	7	14	211
Fuel oil, kerosene, etc. -----	1 323	—	6	25	196	347	458	191	100	160
Other -----	39	—	6	5	—	28	—	—	—	133

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Wausau city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units.....	8 293	549	325	946	3 060	3 413	4 476	480	215	308	1 097	2 376
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	5 857	463	268	770	2 199	2 157	1 276	122	75	80	404	595
15 to 24 years.....	147	—	6	7	72	62	330	11	19	19	124	157
25 to 34 years.....	1 106	217	38	122	354	375	418	71	46	16	129	156
35 to 44 years.....	1 028	125	87	161	328	327	160	4	5	14	72	65
45 to 64 years.....	2 362	108	113	406	957	778	168	16	—	11	38	103
65 years and over.....	1 214	13	24	74	488	615	200	20	5	20	41	114
Male householder, no wife present.....	472	38	38	27	98	271	988	73	66	31	187	631
15 to 24 years.....	36	—	—	8	22	22	355	32	5	13	82	223
25 to 34 years.....	104	13	—	5	32	54	269	23	30	6	61	149
35 to 44 years.....	42	7	15	—	10	10	80	—	14	—	6	66
45 to 64 years.....	130	18	—	14	18	80	193	13	12	6	38	124
65 years and over.....	160	—	23	—	32	105	91	5	5	6	6	69
Female householder, no husband present.....	1 964	48	19	149	763	985	2 212	285	74	197	506	1 150
15 to 24 years.....	29	—	—	—	16	13	536	63	7	11	195	260
25 to 34 years.....	71	—	—	—	10	61	532	49	25	17	173	268
35 to 44 years.....	125	13	7	36	36	33	146	24	9	5	21	87
45 to 64 years.....	604	29	7	51	276	241	336	38	10	42	52	194
65 years and over.....	1 135	6	5	62	425	637	662	111	23	122	65	341
Median age.....	55.2	37.2	47.6	51.0	57.6	59.2	32.6	34.2	29.8	63.7	28.1	34.3
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	581	121	53	51	170	186	1 855	343	112	90	471	839
1975 to 1978.....	1 968	428	104	174	595	667	1 647	137	89	136	470	815
1970 to 1974.....	1 046	—	168	141	352	385	462	—	14	29	73	346
1960 to 1969.....	1 721	—	—	580	505	636	334	—	—	53	52	229
1959 or earlier.....	2 977	—	—	—	1 438	1 539	178	—	—	—	31	147
ROOMS												
1 room.....	—	—	—	—	—	—	123	—	—	6	7	110
2 rooms.....	17	—	—	7	5	5	269	30	6	68	21	144
3 rooms.....	112	5	—	18	36	53	1 030	192	48	94	174	522
4 rooms.....	961	4	9	29	539	380	1 439	143	120	79	394	703
5 rooms.....	1 998	98	44	211	905	740	951	56	24	40	296	535
6 rooms.....	2 146	110	94	260	855	827	452	36	17	16	146	237
7 or more rooms.....	3 059	332	178	421	720	1 408	212	23	—	5	59	125
Median.....	6.0	6.9	6.7	6.3	5.6	6.1	4.1	3.6	3.9	3.4	4.4	4.1
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use.....	8 211	549	325	946	3 044	3 347	4 213	475	215	308	1 037	2 178
0.50 or less.....	5 824	379	185	585	2 147	2 528	3 099	341	166	241	698	1 653
0.51 to 1.00.....	2 345	170	140	338	887	810	1 042	134	49	55	317	487
1.01 to 1.50.....	42	—	—	23	10	9	48	—	—	6	14	28
1.51 or more.....	—	—	—	—	—	—	24	—	—	6	8	10
Lacking complete plumbing for exclusive use.....	82	—	—	—	16	66	263	5	—	—	60	198
0.50 or less.....	61	—	—	—	10	51	149	5	—	—	52	92
0.51 to 1.00.....	15	—	—	—	—	15	114	—	—	—	8	106
1.01 to 1.50.....	6	—	—	—	6	—	—	—	—	—	—	—
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person.....	1 536	22	36	74	592	812	2 052	271	103	186	345	1 147
2 persons.....	2 929	142	74	302	1 158	1 253	1 292	83	74	63	387	685
3 persons.....	1 447	154	48	161	550	534	605	82	9	20	196	298
4 persons.....	1 347	152	103	235	411	446	354	35	29	23	102	165
5 persons.....	689	69	39	123	257	201	111	9	—	10	42	50
6 or more persons.....	345	10	25	51	92	167	62	—	—	6	25	31
Median.....	2.39	3.22	3.54	3.10	2.31	2.21	1.64	1.39	1.56	1.33	2.03	1.56
Total persons.....	22 851	1 862	1 025	2 971	8 048	8 945	8 784	920	421	586	2 518	4 339
UNITS IN STRUCTURE												
1, detached or attached.....	7 595	539	304	905	2 948	2 899	944	54	17	55	401	417
2.....	584	7	5	10	87	475	1 856	44	21	13	505	1 273
3 and 4.....	54	3	—	7	12	32	494	27	11	84	345	345
5 to 9.....	34	—	11	13	6	4	331	78	55	5	52	141
10 to 49.....	21	—	5	6	7	3	486	165	69	96	39	117
50 or more.....	—	—	—	—	—	—	365	112	26	128	16	83
Mobile home or trailer, etc.....	5	—	—	5	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS												
Heating equipment.....	8 293	549	325	946	3 060	3 413	4 476	480	215	308	1 097	2 376
Steam or hot water system.....	747	77	28	235	168	239	884	86	67	158	130	443
Central warm-air furnace or electric heat pump.....	7 002	456	247	686	2 762	2 851	2 593	170	96	133	734	1 460
Other built-in electric units.....	31	4	21	6	—	—	318	224	46	11	7	30
Floor, wall, or pipeless furnace.....	48	—	—	—	11	37	82	—	6	6	30	40
Other means.....	465	12	29	19	119	286	599	—	—	—	196	403
Air conditioning.....	1 980	111	83	301	800	685	705	138	56	103	156	252
Central system.....	537	81	48	106	191	111	106	21	6	32	25	22
1 or more individual room units.....	1 443	30	35	195	609	574	599	117	50	71	131	230
House heating fuel.....	8 293	549	325	946	3 060	3 413	4 476	480	215	308	1 097	2 376
Utility gas.....	5 757	489	290	768	1 721	2 489	3 121	190	94	249	732	1 856
Bottled, tank, or LP gas.....	20	8	—	—	12	—	56	—	5	—	40	11
Electricity.....	77	18	21	20	12	6	431	269	96	17	13	36
Fuel oil, kerosene, etc.....	2 338	22	6	151	1 292	867	864	21	16	42	312	473
Other.....	101	12	8	7	23	51	4	—	4	—	—	—
Income in 1979 below poverty level.....	439	—	6	12	155	266	924	131	19	72	234	468
Percent below poverty level.....	5.3	—	1.8	1.3	5.1	7.8	20.6	27.3	8.8	23.4	21.3	19.7
HOUSEHOLD INCOME IN 1979												
Less than \$5 000.....	807	—	19	34	298	456	1 209	172	35	137	255	610
\$5 000 to \$9 999.....	1 158	—	40	58	405	655	1 192	129	38	63	229	733
\$10 000 to \$12 499.....	545	19	12	26	199	289	483	34	27	18	113	291
\$12 500 to \$14 999.....	535	15	12	43	195	270	345	57	11	9	96	172
\$15 000 to \$19 999.....	1 237	67	38	153	493	486	605	38	40	44	169	314
\$20 000 to \$24 999.....	1 315	111	16	176	579	433	407	25	47	27	137	171
\$25 000 to \$34 999.....	1 614	165	102	285	532	530	201	22	10	10	84	75
\$35 000 to \$49 999.....	673	82	55	82	256	198	10	7	—	—	—	—
\$50 000 or more.....	409	31	89	103	103	96	34	3	—	—	—	—
Median.....	\$19 738	\$27 702	\$26 417	\$24 533	\$19 206	\$15 404	\$9 325	\$7 757	\$14 205	\$5 944	\$11 427	\$8 983
Mean.....	\$21 948	\$35 777	\$27 385	\$26 665	\$20 978	\$18 768	\$11 057	\$9 777	\$14 327	\$9 560	\$12 735	\$10 439

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	8 293	7 595	693	5	4 476	944	1 856	494	331	486	365	—
Condominium housing units	22	—	22	—	29	—	—	—	—	19	10	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	5 857	5 474	378	5	1 276	512	532	42	43	131	16	—
15 to 24 years	147	130	17	—	330	84	178	18	10	40	—	—
25 to 34 years	1 106	1 040	66	—	418	169	162	10	28	44	5	—
35 to 44 years	1 028	1 007	21	—	160	97	63	—	—	—	—	—
45 to 64 years	2 362	2 244	118	5	168	97	57	—	5	9	—	—
65 years and over	1 214	1 053	161	—	200	65	72	14	—	38	11	—
Male householder, no wife present	472	336	136	—	988	107	411	189	120	144	17	—
15 to 24 years	36	21	15	—	355	34	157	65	41	58	—	—
25 to 34 years	104	60	44	—	269	41	112	60	23	28	5	—
35 to 44 years	42	23	19	—	80	14	36	8	14	8	—	—
45 to 64 years	130	105	25	—	193	18	58	44	34	39	—	—
65 years and over	160	127	33	—	91	—	48	12	8	11	12	—
Female householder, no husband present	1 964	1 785	179	—	2 212	325	913	263	168	211	332	—
15 to 24 years	29	20	9	—	536	78	294	63	56	45	—	—
25 to 34 years	71	58	13	—	532	94	242	108	42	38	8	—
35 to 44 years	125	125	—	—	146	26	60	24	22	9	5	—
45 to 64 years	604	585	19	—	336	73	131	36	28	33	35	—
65 years and over	1 135	997	138	—	662	54	186	32	20	86	284	—
Median age	55.2	54.6	63.8	57.5	32.6	34.0	28.9	30.2	28.9	33.9	76.0	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	581	525	56	—	1 855	346	774	179	166	241	149	—
1975 to 1978	1 968	1 804	164	—	1 647	373	661	207	110	167	129	—
1970 to 1974	1 046	991	55	—	462	69	203	57	40	42	51	—
1960 to 1969	1 721	1 624	92	5	334	101	123	46	6	22	36	—
1959 or earlier	2 977	2 651	326	—	178	55	95	5	9	14	—	—
ROOMS												
1 room	—	—	—	—	123	—	—	—	45	67	11	—
2 rooms	17	12	5	—	269	5	14	73	26	36	115	—
3 rooms	112	71	41	—	1 030	51	359	192	55	183	190	—
4 rooms	961	761	195	5	1 439	239	707	141	163	145	44	—
5 rooms	1 998	1 744	254	—	951	215	622	52	38	19	5	—
6 rooms	2 146	2 084	62	—	452	246	130	36	4	36	—	—
7 or more rooms	3 059	2 923	136	—	212	188	24	—	—	—	—	—
Median	6.0	6.1	4.9	4.0	4.1	5.3	4.3	3.4	3.7	3.3	2.8	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	8 211	7 575	631	5	4 213	944	1 752	458	279	420	360	—
0.50 or less	5 824	5 289	530	5	3 099	585	1 311	357	206	326	314	—
0.51 to 1.00	2 345	2 247	98	—	1 042	325	426	94	63	88	46	—
1.01 to 1.50	42	39	3	—	48	26	15	7	—	—	—	—
1.51 or more	—	—	—	—	24	8	—	—	10	6	—	—
Lacking complete plumbing for exclusive use	82	20	62	—	263	—	104	36	52	66	5	—
0.50 or less	61	20	41	—	149	—	96	29	14	5	5	—
0.51 to 1.00	15	—	15	—	114	—	8	7	38	61	—	—
1.01 to 1.50	6	—	6	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	4	—	4	—	148	—	—	6	51	80	11	—
1	310	164	146	—	1 534	124	508	287	83	210	322	—
2	2 146	1 820	321	5	1 974	306	1 114	164	193	165	32	—
3	3 896	3 729	167	—	684	402	210	37	4	31	—	—
4	1 663	1 642	21	—	130	106	24	—	—	—	—	—
5 or more	274	240	34	—	6	6	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	807	721	86	—	1 209	151	409	154	94	146	255	—
\$5,000 to \$9,999	1 158	972	186	—	1 192	156	574	132	53	189	88	—
\$10,000 to \$14,999	545	456	89	—	483	101	217	58	49	41	17	—
\$15,000 to \$19,999	535	492	43	—	345	67	169	30	46	33	—	—
\$20,000 to \$24,999	1 237	1 108	124	5	605	188	282	49	32	54	—	—
\$25,000 to \$29,999	1 315	1 230	85	—	407	173	129	37	52	11	5	—
\$30,000 to \$34,999	1 514	1 558	56	—	201	89	68	34	5	—	—	—
\$35,000 to \$49,999	673	668	5	—	34	19	8	—	—	7	—	—
\$50,000 or more	409	390	19	—	—	—	—	—	—	—	—	—
Median	\$19 378	\$20 167	\$12 093	\$16 250	\$9 325	\$14 888	\$9 555	\$8 500	\$10 944	\$7 449	\$4 209	—
Mean	\$21 948	\$22 552	\$15 376	\$15 165	\$11 057	\$15 013	\$10 987	\$10 289	\$11 096	\$8 975	\$4 958	—
SELECTED CHARACTERISTICS												
Heating equipment	8 293	7 595	693	5	4 476	944	1 856	494	331	486	365	—
Steam or hot water system	747	667	80	—	884	71	142	77	141	217	236	—
Central warm-air furnace or electric heat pump	7 002	6 477	520	5	2 593	763	1 237	287	93	124	89	—
Other built-in electric units	31	9	22	—	318	16	12	40	77	145	28	—
Floor, wall, or pipeless furnace	48	39	9	—	82	11	52	—	7	—	12	—
Other means	465	403	62	—	599	83	413	90	13	—	—	—
Air conditioning	1 980	1 864	116	—	705	116	230	22	109	129	99	—
Central system	537	477	60	—	106	17	—	4	12	30	43	—
Vehicles available	7 532	6 929	598	5	3 310	820	1 520	335	251	302	82	—
1	3 370	3 004	361	5	2 255	401	1 111	232	204	229	78	—
2 or more	4 162	3 925	237	—	1 055	419	409	103	47	73	4	—
House heating fuel	8 293	7 595	693	5	4 476	944	1 856	494	331	486	365	—
Utility gas	5 757	5 208	544	5	3 121	608	1 443	364	165	249	292	—
Bottled, tank, or LP gas	20	11	9	—	56	7	38	—	—	—	11	—
Electricity	77	55	22	—	431	16	23	59	130	175	28	—
Fuel oil, kerosene, etc.	2 338	2 225	113	—	864	309	352	71	36	62	34	—
Other	101	96	5	—	4	4	—	—	—	—	—	—
Water heating fuel	8 287	7 589	693	5	4 468	944	1 856	494	331	478	365	—
Utility gas	4 865	4 426	434	5	2 929	581	1 313	350	151	244	290	—
Bottled, tank, or LP gas	56	52	4	—	47	2	17	21	7	—	—	—
Electricity	3 233	2 989	244	—	1 405	339	504	103	167	223	69	—
Fuel oil, kerosene, etc.	121	110	11	—	83	18	22	20	6	11	6	—
Other	12	12	—	—	4	4	—	—	—	—	—	—
Family householder	6 599	6 171	423	5	1 993	673	861	136	107	181	35	—
With own children under 18 years	2 933	2 832	101	—	1 174	405	500	100	49	102	18	—
With own children under 6 years	1 115	1 071	44	—	717	210	340	52	29	73	13	—
Female householder, no husband present	660	623	37	—	648	154	279	82	64	50	19	—
With own children under 18 years	179	168	11	—	508	117	227	77	31	43	13	—
With own children under 6 years	10	10	—	—	247	56	110	33	11	29	8	—
Nonfamily householder	1 694	1 424	270	—	2 483	271	995	358	224	305	330	—
Income in 1979 below poverty level	439	375	64	—	924	159	333	126	63	128	115	—
Percent below poverty level	5.3	4.9	9.2	—	20.6	16.8	17.9	25.5	19.0	26.3	31.5	—

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Wausau city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	8 293	1 536	2 929	1 447	1 347	689	276	46	23	2.39	22 851
Nonrelatives present	255	—	120	30	55	33	17	—	—	2.75	876
ROOMS											
1 to 3 rooms	129	67	40	16	6	—	—	—	—	1.46	237
4 rooms	961	423	441	76	21	—	—	—	—	1.63	1 636
5 rooms	1 998	424	824	388	206	132	14	10	—	2.20	4 804
6 rooms	2 146	338	757	516	377	107	46	—	5	2.47	5 775
7 rooms	1 570	193	459	242	371	183	106	10	6	3.05	4 995
8 or more rooms	1 489	91	408	209	366	267	110	26	12	3.60	5 404
Median	6.0	5.2	5.7	6.0	6.7	7.1	7.2	7.7	8.5+	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	8 211	1 512	2 888	1 440	1 341	685	276	46	23	2.40	22 658
1.00 or less	8 169	1 512	2 888	1 433	1 341	685	262	36	12	2.39	22 377
1.01 to 1.50	42	—	—	7	—	—	14	10	11	6.50	281
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
Lacking complete plumbing for exclusive use	82	24	41	7	6	4	—	—	—	1.91	193
1.00 or less	76	24	41	7	—	4	—	—	—	1.84	163
1.01 to 1.50	6	—	—	—	6	—	—	—	—	4.00	30
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	7 595	1 318	2 605	1 392	1 287	665	266	46	16	2.45	21 238
2 or more	693	218	319	55	60	24	10	—	7	1.90	1 601
Mobile home or trailer, etc.	5	—	5	—	—	—	—	—	—	2.00	12
VALUE											
Specified owner-occupied housing units	7 261	1 271	2 461	1 347	1 241	636	243	46	16	2.46	20 124
Less than \$10,000	8	5	3	—	—	—	—	—	—	1.30	16
\$10,000 to \$19,999	324	171	97	23	22	4	7	—	—	1.45	692
\$20,000 to \$29,999	1 172	373	416	204	113	48	12	—	6	2.01	2 477
\$30,000 to \$39,999	1 649	302	683	268	220	123	43	10	—	2.27	4 264
\$40,000 to \$49,999	1 787	212	569	470	297	156	53	25	5	2.74	5 195
\$50,000 to \$59,999	902	96	280	143	247	83	48	5	—	3.02	2 718
\$60,000 to \$79,999	937	76	280	160	229	143	49	—	—	3.20	3 009
\$80,000 to \$99,999	230	13	72	21	56	62	—	6	—	3.66	808
\$100,000 to \$149,999	197	23	41	39	47	17	25	—	5	3.38	715
\$150,000 or more	55	—	20	19	10	—	6	—	—	2.89	230
Median	\$42 400	\$32 900	\$40 600	\$43 800	\$48 100	\$48 900	\$51 100	\$46 000	\$42 000	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	8 293	1 536	2 929	1 447	1 347	689	276	46	23	2.39	22 851
Median income	\$19 378	\$6 108	\$16 995	\$22 723	\$25 136	\$27 196	\$29 500	\$24 500	\$34 500	...	...
Median selected monthly owner costs as percentage of household income	16.9	29.0	14.5	13.9	17.0	17.3	15.5	19.1	11.4	...	...
With a mortgage	19.3	31.7	19.3	18.6	19.4	19.1	17.5	22.5	11.4	...	...
Not mortgaged	13.8	28.7	12.9	10—	10—	10—	10—	10—	—	...	...
Income in 1979 below poverty level	439	264	85	32	35	16	7	—	—	1.33	...
Median income	\$3 262	\$3 290	\$3 422	\$2500—	\$2500—	\$6 000	\$13 750	—	—	...	...
Median selected monthly owner costs as percentage of household income	50+	49.1	50+	50+	50+	50+	12.5	—	—	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	12.5	—	—	...	...
Not mortgaged	47.7	47.5	38.7	50+	—	—	—	—	—	...	...
Renter-occupied housing units	4 476	2 052	1 292	605	354	111	31	31	—	1.64	8 784
Nonrelatives present	514	—	344	122	20	20	8	—	—	2.25	1 320
ROOMS											
1 room	123	117	6	—	—	—	—	—	—	1.03	110
2 rooms	269	239	25	5	—	—	—	—	—	1.06	300
3 rooms	1 030	862	139	26	3	—	—	—	—	1.10	1 247
4 rooms	1 439	464	634	222	78	23	—	18	—	1.90	2 828
5 rooms	951	286	290	170	142	46	11	6	—	2.15	2 250
6 rooms	452	57	126	135	90	24	20	—	—	2.82	1 374
7 or more rooms	212	27	72	47	41	18	—	7	—	2.65	675
Median	4.1	3.3	4.3	4.8	5.2	5.2	5.7	4.4	—	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	4 213	1 856	1 233	597	354	111	31	31	—	1.70	8 448
1.00 or less	4 141	1 856	1 227	592	351	88	20	7	—	1.67	8 077
1.01 to 1.50	48	—	—	5	3	23	11	6	—	5.20	247
1.51 or more	24	—	—	—	—	—	—	18	—	6.83	124
Lacking complete plumbing for exclusive use	263	196	59	8	—	—	—	—	—	1.17	336
1.00 or less	263	196	59	8	—	—	—	—	—	1.17	336
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	944	215	281	168	177	70	18	15	—	2.41	2 697
2	1 856	733	687	257	135	25	13	6	—	1.78	3 601
3 and 4	494	308	89	84	6	7	—	—	—	1.30	709
5 to 9	331	178	104	20	15	4	—	10	—	1.43	561
10 to 49	486	288	114	58	21	5	—	—	—	1.34	790
50 or more	365	330	17	18	—	—	—	—	—	1.05	426
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT											
Specified renter-occupied housing units	4 440	2 035	1 283	605	348	111	27	31	—	1.64	8 689
Less than \$100	387	341	29	17	—	—	—	—	—	1.07	433
\$100 to \$149	493	368	103	18	—	4	—	—	—	1.17	701
\$150 to \$199	927	550	291	55	20	11	—	—	—	1.34	1 347
\$200 to \$249	1 176	442	432	190	71	18	5	18	—	1.84	2 332
\$250 to \$299	729	221	241	174	79	14	—	—	—	2.10	1 529
\$300 to \$349	318	43	80	81	79	23	12	—	—	2.94	974
\$350 to \$399	166	11	28	38	55	17	4	13	—	3.61	611
\$400 to \$499	88	6	10	22	25	19	6	—	—	3.74	360
\$500 or more	21	—	13	—	3	5	—	—	—	2.31	63
No cash rent	135	53	56	10	16	—	—	—	—	1.76	339
Median	\$213	\$171	\$218	\$254	\$297	\$318	\$335	\$222	—	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	4 476	2 052	1 292	605	354	111	31	31	—	1.64	8 784
Median income	\$9 325	\$6 290	\$12 158	\$12 844	\$14 449	\$15 924	\$17 656	\$8 942	—	...	...
Median gross rent as percentage of household income	25.7	27.7	23.2	23.6	25.2	22.2	31.9	38.4	—	...	...
Income in 1979 below poverty level	924	459	186	162	78	13	5	21	—	1.52	...
Median income	\$3 457	\$2 958	\$3 585	\$4 097	\$3 636	\$7 321	\$6 250	\$7 981	—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	20.6	37.5	50+	—	...	...

Table B—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Wausau city	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units																
PERSONS IN UNIT																
1 person	1 536	—	—	—	—	16	66	29	69	128	13	21	20	356	818	55.2
2 persons	2 929	80	222	944	998	20	38	—	29	16	16	16	30	275	1 135	48.8
3 persons	1 447	40	340	641	197	—	—	—	7	7	5	5	25	48	31	63.0
4 persons	1 347	22	347	441	14	—	—	—	13	21	—	22	32	19	11	51.8
5 persons	689	5	165	246	—	—	—	—	4	5	—	7	10	7	—	39.5
6 or more persons	345	—	32	154	147	—	—	—	—	—	—	—	—	—	—	41.6
Median	2.39	2.42	3.47	2.87	2.11	1.60	1.29	1.22	1.44	1.13	1.59	2.41	3.00	1.35	1.19	44.1
Total persons	22 851	405	3 970	4 564	2 578	65	161	92	269	247	41	180	370	966	1 431	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	8 211	147	1 103	1 024	1 188	28	104	42	130	155	29	71	125	594	1 130	55.0
1.01 or more persons per room	42	—	7	15	20	8	—	—	—	—	—	—	—	—	—	44.0
Locking complete plumbing for exclusive use	82	—	3	4	6	—	—	—	—	—	—	—	—	10	5	63.5
1.01 or more persons per room	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	62.5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage	7 261	130	1 018	975	968	21	55	23	101	127	20	58	125	576	954	54.4
Less than 15 percent	3 558	130	994	1 009	46	14	25	4	17	25	6	42	106	396	30	27.6
15 to 19 percent	1 106	—	145	601	12	6	6	—	8	—	—	15	13	24	5	27.6
20 to 24 percent	768	24	196	266	16	—	—	—	—	—	—	—	—	—	—	38.3
25 to 29 percent	426	29	307	111	88	—	—	—	19	—	—	9	13	42	6	35.6
30 to 34 percent	468	23	185	136	56	—	—	—	—	—	—	—	—	18	—	37.1
35 percent or more	174	22	49	28	9	—	—	—	—	—	—	—	—	12	—	28.2
Median	402	32	103	41	70	8	3	—	—	25	6	13	45	34	13	30.2
Not computed	14	—	9	—	—	—	—	—	—	—	—	—	—	—	—	...
Not mortgaged	19.3	27.6	22.5	18.2	17.5	—	15.0	26.2	18.1	50.1	45.0	26.9	31.7	21.8	28.3	65.8
Less than 10 percent	3 703	—	24	117	922	7	5	—	57	102	14	16	19	393	994	65.8
10 to 14 percent	1 263	—	18	77	236	—	—	—	19	16	—	—	—	94	83	36.7
15 to 19 percent	769	—	6	18	277	—	—	—	20	—	—	—	6	54	14	64.7
20 to 24 percent	293	—	—	11	193	—	—	—	6	—	—	—	—	71	169	70.1
25 to 29 percent	228	—	—	5	85	—	—	—	—	—	—	—	—	14	90	68.8
30 to 34 percent	304	—	—	—	98	—	—	—	—	—	—	5	—	33	131	72.3
35 percent or more	190	—	—	—	46	—	—	—	—	—	—	—	—	15	112	73.8
Median	436	—	—	—	24	7	—	—	12	27	7	—	—	114	218	70.1
Not computed	20	—	—	6	—	—	—	—	—	—	—	—	—	—	—	42.5
13.8	—	—	10—	10—	14.3	—	—	—	12.4	26.0	32.0	10—	13.7	18.5	25.1	...
Renter-occupied housing units																
PERSONS IN UNIT																
1 person	2 052	—	—	—	—	335	269	80	193	91	536	532	146	336	662	32.6
2 persons	1 292	154	126	44	188	232	214	65	163	73	231	219	32	213	610	47.3
3 persons	605	96	114	12	9	96	39	6	20	18	231	116	41	89	52	28.5
4 persons	354	51	124	52	3	19	16	—	10	—	61	145	47	14	—	28.3
5 persons	32	29	26	32	4	3	—	—	—	—	13	43	22	14	—	32.2
6 or more persons	62	—	—	—	—	5	—	—	—	—	—	9	—	6	—	30.5
Median	1.64	2.61	3.23	3.96	2.03	1.27	1.13	1.12	1.09	1.12	1.66	1.91	2.50	1.29	1.04	35.7
Total persons	8 784	921	1 490	580	431	537	387	129	195	89	894	1 023	395	534	667	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	4 213	320	410	154	194	310	263	59	135	83	506	511	140	315	645	32.5
1.01 or more persons per room	72	12	23	20	5	—	—	—	—	—	—	6	—	—	—	33.3
Locking complete plumbing for exclusive use	263	—	8	6	—	45	6	—	58	8	30	21	6	21	17	37.6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent	4 440	324	418	160	200	355	269	75	181	91	536	529	142	330	662	32.5
15 to 19 percent	774	71	99	31	39	71	90	18	55	20	53	64	35	52	55	31.5
20 to 24 percent	643	65	117	33	11	71	25	10	18	6	92	109	13	38	101	30.8
25 to 29 percent	543	81	64	34	11	23	27	25	6	—	41	39	21	45	138	29.0
30 to 34 percent	590	22	20	20	9	18	33	—	21	6	45	46	5	7	21	38.9
35 to 49 percent	789	17	38	25	75	55	23	—	6	35	67	48	3	49	111	30.0
50 percent or more	140	41	18	5	16	74	11	5	18	18	192	150	37	45	136	29.2
Median	25.7	21.6	19.5	26.3	34.2	24.2	18.8	22.8	18.1	40.6	34.4	27.5	26.5	28.2	54	66.6
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...

Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Wausau city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 536	308	16	66	29	69	128	1 228	13	21	20	356	818
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 512	295	8	66	29	69	123	1 217	13	21	20	350	813
Lacking complete plumbing for exclusive use	24	13	8	—	—	—	5	11	—	—	—	6	5
UNITS IN STRUCTURE													
1, detached or attached	1 318	204	8	28	10	58	100	1 114	13	16	20	344	721
2 or more	218	104	8	38	19	11	28	114	—	5	—	12	97
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	647	90	—	—	6	18	66	557	7	—	—	144	406
\$5,000 to \$9,999	435	64	—	10	—	6	48	371	6	5	—	72	288
\$10,000 to \$12,499	172	49	8	32	—	—	9	123	—	5	—	52	66
\$12,500 to \$14,999	57	14	—	—	6	8	—	43	—	—	—	22	21
\$15,000 to \$19,999	134	55	8	18	10	19	—	79	—	—	7	43	29
\$20,000 to \$24,999	29	5	—	—	—	—	5	24	—	—	6	18	—
\$25,000 to \$34,999	36	16	—	6	—	10	—	20	—	—	7	5	8
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	26	15	—	—	7	8	—	11	—	11	—	—	—
Median	\$6 108	\$10 000	\$13 750	\$11 797	\$16 563	\$16 250	\$4 924	\$5 570	\$4 821	\$75 000+	\$21 250	\$7 564	\$5 035
Mean	\$9 768	\$13 423	\$12 900	\$13 749	\$31 365	\$19 117	\$6 186	\$8 851	\$5 309	\$94 099	\$21 554	\$8 856	\$6 407
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 271	195	8	23	10	54	100	1 076	13	16	20	335	692
With a mortgage	190	77	8	18	10	16	25	113	6	5	20	63	19
Less than \$200	12	—	—	—	—	—	—	12	—	—	—	12	—
\$200 to \$249	50	12	—	—	—	—	12	38	—	—	—	32	6
\$250 to \$299	37	24	—	12	6	—	6	13	—	—	—	—	13
\$300 to \$349	46	15	—	—	—	8	7	31	6	5	6	14	—
\$350 to \$399	18	6	—	6	—	—	—	12	—	—	7	5	—
\$400 to \$499	7	—	—	—	—	—	—	7	—	—	7	—	—
\$500 to \$599	8	8	8	—	—	—	—	—	—	—	—	—	—
\$600 to \$749	4	4	—	—	4	—	—	—	—	—	—	—	—
\$750 or more	8	8	—	—	—	8	—	—	—	—	—	—	—
Median	\$295	\$308	\$550	\$288	\$292	\$550	\$254	\$275	\$325	\$325	\$379	\$230	\$263
Not mortgaged	1 081	118	—	5	—	38	75	963	7	11	—	272	673
Less than \$50	5	5	—	5	—	—	—	—	—	—	—	—	—
\$50 to \$74	26	2	—	—	—	—	2	24	—	—	—	—	24
\$75 to \$99	143	12	—	—	—	—	12	131	—	—	—	43	88
\$100 to \$124	281	18	—	—	—	12	6	263	—	—	—	59	204
\$125 to \$149	282	30	—	—	—	12	18	252	—	—	—	60	192
\$150 to \$199	235	46	—	—	—	14	32	189	7	—	—	68	114
\$200 to \$249	78	—	—	—	—	—	—	78	—	11	—	36	31
\$250 or more	31	5	—	—	—	—	5	26	—	—	—	6	20
Median	\$133	\$143	—	\$50—	—	\$140	\$149	\$131	\$175	\$225	—	\$139	\$128
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	29.0	26.7	45.0	20.5	25.8	19.4	35.8	29.4	50+	10—	22.9	29.7	29.6
With a mortgage	31.7	27.9	45.0	23.0	25.8	20.0	50+	34.0	45.0	45.0	22.9	34.4	50+
Not mortgaged	28.7	25.8	—	10—	—	14.4	28.5	29.1	50+	10—	—	27.9	29.4
Income in 1979 below poverty level	264	44	—	—	—	18	26	220	7	—	—	104	109
Percent below poverty level	17.2	14.3	—	—	—	26.1	20.3	17.9	53.8	—	—	29.2	13.3
Renter-occupied housing units	2 052	747	232	214	65	163	73	1 305	231	219	32	213	610
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 856	624	196	214	44	105	65	1 232	208	213	26	192	593
Lacking complete plumbing for exclusive use	196	123	36	—	21	58	8	73	23	6	6	21	17
UNITS IN STRUCTURE													
1, detached or attached	215	79	18	33	10	18	—	136	32	29	—	32	43
2	733	247	81	73	25	38	30	486	126	101	22	72	165
3 and 4	308	158	52	52	8	34	12	150	24	53	10	31	32
5 to 9	178	102	23	23	14	34	8	76	28	25	—	17	6
10 to 49	288	144	58	28	8	39	11	144	21	11	—	26	86
50 or more	330	17	—	5	—	—	12	313	—	—	—	35	278
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	866	224	75	19	21	62	47	642	88	35	6	91	422
\$5,000 to \$9,999	638	240	98	71	5	40	26	398	104	73	4	77	140
\$10,000 to \$12,499	201	124	40	37	26	21	—	77	22	20	6	18	11
\$12,500 to \$14,999	112	17	13	4	—	—	—	95	5	67	6	11	6
\$15,000 to \$19,999	152	70	6	55	—	9	—	82	12	18	10	11	31
\$20,000 to \$24,999	66	55	—	16	13	26	—	11	—	6	—	5	—
\$25,000 to \$34,999	17	17	—	12	—	5	—	—	—	—	—	—	—
\$35,000 to \$49,999	—	—	—	—	—	—	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$6 290	\$8 312	\$7 330	\$11 149	\$10 625	\$8 719	\$4 344	\$5 129	\$6 763	\$10 187	\$12 500	\$7 153	\$4 194
Mean	\$7 764	\$9 323	\$6 883	\$12 625	\$10 168	\$10 179	\$4 730	\$6 872	\$7 020	\$10 066	\$10 679	\$7 542	\$5 236
GROSS RENT													
Specified renter-occupied housing units	2 035	730	232	214	60	151	73	1 305	231	219	32	213	610
Less than \$100	341	96	17	6	21	38	14	245	8	—	6	45	186
\$100 to \$149	368	141	41	55	—	29	16	227	44	42	6	26	109
\$150 to \$199	550	235	104	63	15	47	6	315	82	73	6	53	101
\$200 to \$249	442	141	66	34	11	25	5	301	60	70	6	62	103
\$250 to \$299	221	90	—	44	8	12	26	131	30	20	—	17	64
\$300 to \$349	43	4	4	—	—	—	—	39	7	14	8	10	—
\$350 to \$399	11	5	—	—	5	—	—	6	—	—	—	—	6
\$400 to \$499	6	6	—	6	—	—	—	—	—	—	—	—	—
\$500 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	53	12	—	6	—	—	6	41	—	—	—	—	41
Median	\$171	\$172	\$173	\$188	\$173	\$161	\$166	\$170	\$184	\$193	\$157	\$181	\$136
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.7	24.4	31.9	19.4	23.2	18.6	44.0	28.7	36.1	23.9	23.3	31.3	29.0
Income in 1979 below poverty level	459	133	75	6	21	19	12	326	45	21	6	62	192
Percent below poverty level	22.4	17.8	32.3	2.8	32.3	11.7	16.4	25.0	19.5	9.6	18.8	29.1	31.5

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Wausau city					Wausau city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	52	12	17	23	Vacant for rent housing units	195	119	56	20
ROOMS					ROOMS				
1 to 3 rooms	—	—	—	—	1 room	32	20	7	5
4 rooms	2	2	—	—	2 rooms	3	—	3	—
5 rooms	17	7	6	4	3 rooms	31	10	21	—
6 rooms	14	—	1	13	4 rooms	63	39	13	11
7 rooms	3	—	3	—	5 rooms	37	25	12	—
8 or more rooms	16	3	7	6	6 rooms	13	13	—	—
Median	6.0	5.1	7.0	6.1	7 or more rooms	16	12	—	4
					Median	4.0	4.3	3.4	4.0
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	52	12	17	23	Complete plumbing for exclusive use	170	106	49	15
Locking complete plumbing for exclusive use	—	—	—	—	Locking complete plumbing for exclusive use	25	13	7	5
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	32	20	7	5
1	—	—	—	—	1	57	26	31	—
2	13	9	—	4	2	66	37	18	11
3	29	—	10	19	3	24	24	—	—
4	10	3	7	—	4	9	5	—	4
5 or more	—	—	—	—	5 or more	7	7	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	6	—	6	—	1975 to March 1980	24	19	5	—
1970 to 1974	—	—	—	—	1970 to 1974	—	—	—	—
1960 to 1969	—	—	—	—	1960 to 1969	7	7	—	—
1950 to 1959	6	—	—	6	1950 to 1959	11	5	6	—
1940 to 1949	6	3	3	17	1940 to 1949	6	6	—	—
1939 or earlier	34	9	8	—	1939 or earlier	147	82	45	20
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	39	3	17	19	1, detached or attached	37	28	5	4
2 or more	13	9	—	4	2	38	25	13	—
Mobile home or trailer	—	—	—	—	3 and 4	45	10	31	4
HEATING EQUIPMENT					5 to 9	24	17	—	7
Central heating system	52	12	17	23	10 to 49	51	39	7	5
Other means	—	—	—	—	50 or more	—	—	—	—
None	—	—	—	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	39	3	17	19	Specified vacant for rent housing units	195	119	56	20
Less than \$10,000	—	—	—	—	Less than \$100	8	3	—	5
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	47	24	23	—
\$20,000 to \$29,999	5	—	—	5	\$150 to \$199	75	47	13	15
\$30,000 to \$39,999	5	—	1	4	\$200 to \$249	34	34	—	—
\$40,000 to \$49,999	4	—	—	4	\$250 to \$299	26	11	15	—
\$50,000 to \$59,999	3	3	—	6	\$300 to \$399	5	—	5	—
\$60,000 to \$79,999	12	—	6	—	\$400 or more	—	—	—	—
\$80,000 to \$99,999	7	—	7	—	Median	\$168	\$185	\$164	\$156
\$100,000 or more	3	—	3	—					
Median	\$62 100	\$52 500	\$82 100	\$45 600					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Wausau city														
Total	39	—	5	9	22	3	62 100	195	8	122	60	5	—	168
PLUMBING FACILITIES														
Complete plumbing for exclusive use	39	—	5	9	22	3	62 100	170	—	105	60	5	—	183
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	25	8	17	—	—	—	113
BEDROOMS														
None	—	—	—	—	—	—	—	32	8	17	7	—	—	116
1	—	—	—	—	—	—	—	57	—	42	15	—	—	182
2	—	—	—	—	—	—	—	66	—	41	20	5	—	169
3	29	—	5	9	12	3	60 400	24	—	11	13	—	—	229
4	10	—	—	—	10	—	82 900	9	—	4	5	—	—	277
5 or more	—	—	—	—	—	—	—	7	—	7	—	—	—	115
YEAR STRUCTURE BUILT														
1975 to March 1980	6	—	—	—	6	—	62 500	24	—	—	19	5	—	221
1970 to 1974	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1960 to 1969	—	—	—	—	—	—	—	7	—	—	7	—	—	213
1950 to 1959	6	—	—	—	6	—	77 500	11	—	11	—	—	—	169
1940 to 1949	6	—	—	—	3	3	77 500	6	—	—	6	—	—	263
1939 or earlier	21	—	5	9	7	—	45 600	147	8	111	28	—	—	158
UNITS IN STRUCTURE														
1, detached or attached	39	—	5	9	22	3	62 100	37	—	15	17	5	—	215
2 or more	—	—	—	—	—	—	—	158	8	107	43	—	—	164
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Appendix A.—Area Classifications

REGIONS	A-1
STATES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
STANDARD METROPOLITAN STATISTICAL AREAS	A-1
Definition	A-1
SMSA Titles	A-1
New SMSA Standards	A-2
BOUNDARY CHANGES	A-2
AREA MEASUREMENT	A-2

REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL	B-1	Persons	B-6
LIVING QUARTERS	B-1	Rooms	B-6
Housing Units	B-1	Persons Per Room	B-6
Comparability With 1970		Bedrooms	B-6
Census Housing Unit Data ..	B-2	STRUCTURAL	
Group Quarters	B-2	CHARACTERISTICS	B-6
Comparability With 1970 Cen-		Year Structure Built	B-6
sus Group Quarters Data	B-2	Units in Structure	B-6
Rules for Hotels, Room-		Stories in Structure	B-6
ing Houses, Etc.	B-2	Passenger Elevator	B-6
Staff Living Quarters	B-2	PLUMBING	
Year-Round Housing Units ..	B-2	CHARACTERISTICS	B-6
OCCUPANCY AND VACANCY		Plumbing Facilities	B-6
CHARACTERISTICS	B-2	Comparability With 1970	
Occupied Housing Units	B-2	Census Plumbing Facilities	
Householder	B-2	Data	B-6
Child	B-2	EQUIPMENT AND FUELS	B-6
Nonrelative	B-3	Heating Equipment	B-6
Age of Householder	B-3	Comparability With 1970	
Household Type	B-3	Census Heating Equipment	
Year Householder Moved		Data	B-6
Into Unit	B-3	Air Conditioning	B-7
Vacant Housing Units	B-3	Vehicles Available	B-7
Vacancy Status	B-3	Comparability With 1970	
Duration of Vacancy	B-3	Census Automobiles	
Tenure	B-3	Available Data	B-7
Condominium Housing Units ..	B-3	Fuels Used for House Heating	
Comparability With 1970		and Water Heating	B-7
Census Condominium		FINANCIAL	
Housing Unit Data	B-3	CHARACTERISTICS	B-7
Race of the Householder	B-3	Value	B-7
Comparability Between Sam-		Price Asked	B-7
ple and 100-Percent Data		Mortgage Status and Selected	
for Race of the Householder ..	B-4	Monthly Owner Costs	B-7
Comparability With 1970		Mortgage Status and Selected	
Census Data on Race of the		Monthly Owner Costs as a	
Householder	B-4	Percentage of House-	
Spanish/Hispanic Origin of		hold Income in 1979	B-7
the Householder	B-5	Rent	B-7
Limitations of the Data		Gross Rent as a Percentage	
on Householders of		of Household Income	
Spanish/Hispanic Origin	B-5	in 1979	B-8
Comparability Between		Household Income in 1979 ..	B-8
Sample and 100-Percent		Median Income	B-8
Data on Householders of		Comparability With 1970	
Spanish/Hispanic Origin	B-5	Census Income Data	B-8
Comparability With 1970		Poverty Status in 1979	B-8
Census Data on House-		GENERAL	
holders of Spanish Origin		The 1980 census was conducted primarily	
and Householders of		through self-enumeration. The principal	
Spanish Heritage	B-5		
UTILIZATION			
CHARACTERISTICS	B-6		

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin

A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin

The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage

The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979

—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household

Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data

—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . .	C-1
Armed Forces.	C-1
Crews of Merchant Vessels	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their Residence on Census Day	C-1
Americans Abroad.	C-2
Citizens of Foreign Countries. . .	C-2
DATA COLLECTION	
PROCEDURES.	C-2
PROCESSING PROCEDURES. . .	C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	D-1
ERRORS IN THE DATA	D-1
Calculation of Standard Errors ..	D-2
Totals and Percentages	D-2
Differences	D-2
Means	D-2
Medians	D-2
Confidence Intervals	D-3
Use of Tables to Compute	
Standard Errors	D-3
ESTIMATION PROCEDURE	D-3
CONTROL OF NONSAMPLING	
ERROR	D-5
Undercoverage	D-5
Respondent and Enumerator	
Error	D-5
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE	
DATA	D-6
ALLOCATION TABLES	D-6

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about N/2. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
Persons in Housing Units With a Family Without Own Children Under 18	
6-10	2 persons in housing unit through 8 or more persons in housing unit
Persons in All Other Housing Units	
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder	
Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)
Stage III—Age/Sex/Race/Spanish Origin	
Group	White Race
	Persons of Spanish Origin
	Male
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	Female
9-16	Same age categories as groups 1 to 8
	Persons Not of Spanish Origin
17-32	Same age and sex categories as groups 1 to 16
	Black Race
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	Asian, Pacific Islander Race
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	American Indian, Eskimo, or Aleut Race
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	Other Race (includes those races not listed above)
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS	
Stage I—Type of Household	
Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
Stage II—Tenure/Race and Origin of Householder/Value or Rent	
Group	Owner
	White Race (householder)
	Persons of Spanish Origin (householder)
	Value of House
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	Persons Not of Spanish Origin

9-16 Same value categories as groups 1 to 8

Black Race

17-32 Same value—Spanish origin categories as groups 1 to 16

Asian, Pacific Islander Race

33-48 Same value—Spanish origin categories as groups 1 to 16

American Indian, Eskimo, or Aleut Race

49-64 Same value—Spanish origin categories as groups 1 to 16

Other Race (includes those races not listed above)

65-80 Same value—Spanish origin categories as groups 1 to 16

Renter

White Race

Persons of Spanish Origin

Rent Categories

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

American Indian, Eskimo, or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central-processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. **Standard Error Adjustment Factors**

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.0	1.0	0.5
Stories in structure.....	0.9	0.9	0.5
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.8	0.5
Value.....	1.0	1.0	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Wausau city -----

Housing units	
100-percent count	Percent in sample
39 752	28.1
13 295	16.3

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade *ever* attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished** this grade (or year) only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for individual well.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

- H19.** The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20.** This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer Yes only if the telephone is located in your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked** at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.
- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Please start by answering Question 1 below

E-7

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.		<input type="radio"/> Male <input checked="" type="radio"/> Female		<input type="radio"/> Male <input checked="" type="radio"/> Female	
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: [] b. Month of birth: [] Jan.—Mar. Apr.—June July—Sept. Oct.—Dec. c. Year of birth: 1 8 0 0 9 1 2 3 4 5 6 7 8 9		a. Age at last birthday: [] b. Month of birth: [] Jan.—Mar. Apr.—June July—Sept. Oct.—Dec. c. Year of birth: 1 8 0 0 9 1 2 3 4 5 6 7 8 9	
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) [] 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	

**NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD**

PERSON in column 7

Last name _____ Middle initial _____

First name _____

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother

☐ Son/daughter ☐ Other relative

☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative

☐ Partner, roommate

☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian

☐ Black or Negro ☐ Hawaiian

☐ Japanese ☐ Guamanian

☐ Chinese ☐ Samoan

☐ Filipino ☐ Eskimo

☐ Korean ☐ Aleut

☐ Vietnamese ☐ Other — Specify _____

☐ Indian (Amer.)

Print tribe _____

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

☐ Jan.—Mar. ☐ Apr.—June

☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated

☐ Widowed ☐ Never married

☐ Divorced

☐ No (not Spanish/Hispanic)

☐ Yes, Mexican, Mexican-Amer., Chicano

☐ Yes, Puerto Rican

☐ Yes, Cuban

☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1

☐ Yes, public school, public college

☐ Yes, private, church-related

☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)

☐ Finished this grade (or year)

☐ Did not finish this grade (or year)

CENSUS USE ONLY

A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
- ☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
- ☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
- ☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
- ☐ 2 apartments or living quarters
- ☐ 3 apartments or living quarters
- ☐ 4 apartments or living quarters
- ☐ 5 apartments or living quarters
- ☐ 6 apartments or living quarters
- ☐ 7 apartments or living quarters
- ☐ 8 apartments or living quarters
- ☐ 9 apartments or living quarters
- ☐ 10 or more apartments or living quarters
- ☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
- ☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
- ☐ Yes, but also used by another household
- ☐ No, have some but not all plumbing facilities
- ☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 4 rooms ☐ 7 rooms
- ☐ 2 rooms ☐ 5 rooms ☐ 8 rooms
- ☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
- ☐ Rented for cash rent?
- ☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
- ☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
- ☐ A house on 10 or more acres
- ☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999
- ☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999
- ☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999
- ☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999
- ☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999
- ☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999
- ☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999
- ☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999
- ☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999
- ☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999
- ☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999
- ☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169
- ☐ \$50 to \$59 ☐ \$170 to \$179
- ☐ \$60 to \$69 ☐ \$180 to \$189
- ☐ \$70 to \$79 ☐ \$190 to \$199
- ☐ \$80 to \$89 ☐ \$200 to \$224
- ☐ \$90 to \$99 ☐ \$225 to \$249
- ☐ \$100 to \$109 ☐ \$250 to \$274
- ☐ \$110 to \$119 ☐ \$275 to \$299
- ☐ \$120 to \$129 ☐ \$300 to \$349
- ☐ \$130 to \$139 ☐ \$350 to \$399
- ☐ \$140 to \$149 ☐ \$400 to \$499
- ☐ \$150 to \$159 ☐ \$500 or more

FOR CENSUS USE ONLY

A4. Block number _____

A6. Serial number _____

B. Type of unit or quarters

Occupied

☐ First form

☐ Continuation

Vacant

☐ Regular

☐ Usual home elsewhere

Group quarters

☐ First form

☐ Continuation

For vacant units

C1. Is this unit for —

☐ Year round use

☐ Seasonal/Mig. — Skip C2, C3, and D.

C2. Vacancy status

☐ For rent

☐ For sale only

☐ Rented or sold, not occupied

☐ Held for occasional use

☐ Other vacant

C3. Is this unit boarded up?

☐ Yes ☐ No

D. Months vacant

☐ Less than 1 month

☐ 1 up to 2 months

☐ 2 up to 6 months

☐ 6 up to 12 months

☐ 1 year up to 2 years

☐ 2 or more years

E. Indicators

1. ☐ ☐ ☐ Mail return

2. ☐ ☐ ☐ Pop./F

F. Total persons

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21 a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories 	c. Which fuel is used most for cooking? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22. What are the costs of utilities and fuels for your living quarters? a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	H22c. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	b. Gas \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	H22d. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	c. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	H22e. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22f. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 	H22g. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 	H22h. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														
H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 	H22i. <table border="1"> <tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																														
1	1	1																														
2	2	2																														
3	3	3																														
4	4	4																														
5	5	5																														
6	6	6																														
7	7	7																														
8	8	8																														
9	9	9																														

FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

①	2.	4.	②	2.	4.	③	2.	4.
S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
④	2.	4.	⑤	2.	4.	⑥	2.	4.
S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>	S.S.	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
⑦	2.	4.	GQ.	H30.	H31.	H32c.		
S.S.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i> <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6</p> <p><input type="radio"/> 3 <input checked="" type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p> <p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>CENSUS USE</p> <p>21b.</p> <p>I 1 1 1</p> <p>II 2 2 2</p> <p>III 3 3 3</p> <p>IV 4 4 4</p> <p>22b.</p> <p>I 1 1 1</p> <p>II 2 2 2</p> <p>III 3 3 3</p> <p>IV 4 4 4</p> <p>28</p> <p>A B C</p> <p>D E F</p> <p>G H J</p> <p>K L M</p> <p>AF</p> <p>NW</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p> <p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p> <p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice . . . Report <u>net</u> income after business expenses.</p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>c. Own farm . . . Report <u>net</u> income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="radio"/> Yes → \$.00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p>\$.00</p> <p><i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32a. 32b.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32c. 32d.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32e. 32f.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p> <p>32g. 33.</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
---	---	--	--

→ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

GENERAL	F-1
PUBLICATIONS	F-1
Population and Housing Census Reports	F-1
PHC80-1, Block Statistics	F-1
PHC80-2, Census Tracts	F-2
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas	F-2
PHC80-4, Congressional Districts of the 98th Congress	F-2
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics	F-2
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics	F-2
Population Census Reports	F-2
PC80-1, Volume 1, Characteristics of the Population	F-2
PC80-1-A, Chapter A, Number of Inhabitants	F-2
PC80-1-B, Chapter B, General Population Characteristics	F-2
PC80-1-C, Chapter C, General Social and Economic Characteristics	F-3
PC80-1-D, Chapter D, Detailed Population Characteristics	F-3
PC80-2, Volume 2, Subject Reports	F-3
PC80-S1, Supplementary Reports	F-3
Housing Census Reports	F-3
HC80-1, Volume 1, Characteristics of Housing Units	F-3
HC80-1-A, Chapter A, General Housing Characteristics	F-3
HC80-1-B, Chapter B, Detailed Housing Characteristics	F-3
HC80-2, Volume 2, Metropolitan Housing Characteristics	F-3
HC80-3, Volume 3, Subject Reports	F-3
HC80-4, Volume 4, Components of Inventory Change	F-3

PUBLICATIONS—Con.	
HC80-5, Volume 5, Residential Finance	F-4
HC80-S1-1, Supplementary Reports	F-4
Evaluation and Reference Reports	F-4
PHC80-E, Evaluation and Research Reports	F-4
PHC80-R, Reference Reports	F-4
PHC80-R1, Users' Guide	F-4
PHC80-R2, History	F-4
PHC80-R3, Alphabetical Index of Industries and Occupations	F-4
PHC80-R4, Classified Index of Industries and Occupations	F-4
PHC80-R5, Geographic Identification Code Scheme	F-4
COMPUTER TAPES	F-4
Summary Tape Files	F-4
STF 1	F-4
STF 2	F-4
STF 3	F-4
STF 4	F-5
STF 5	F-5
Other Computer Tape Files	F-5
P.L. 94-171, Population Counts	F-5
Master Area Reference Files 1 and 2 (MARF)	F-5
Geographic Base File/Dual Independent Map Encoding (GBF/DIME)	F-5
Public-Use Microdata Samples	F-5
Census/EEO Special File	F-5
MAPS	F-5
MICROFICHE	F-5
STF 1 Microfiche	F-5
STF 3 Microfiche	F-5
P.L. 94-171 Counts Microfiche	F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1 Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

Appendix F.—Publication and Computer Tape Program

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

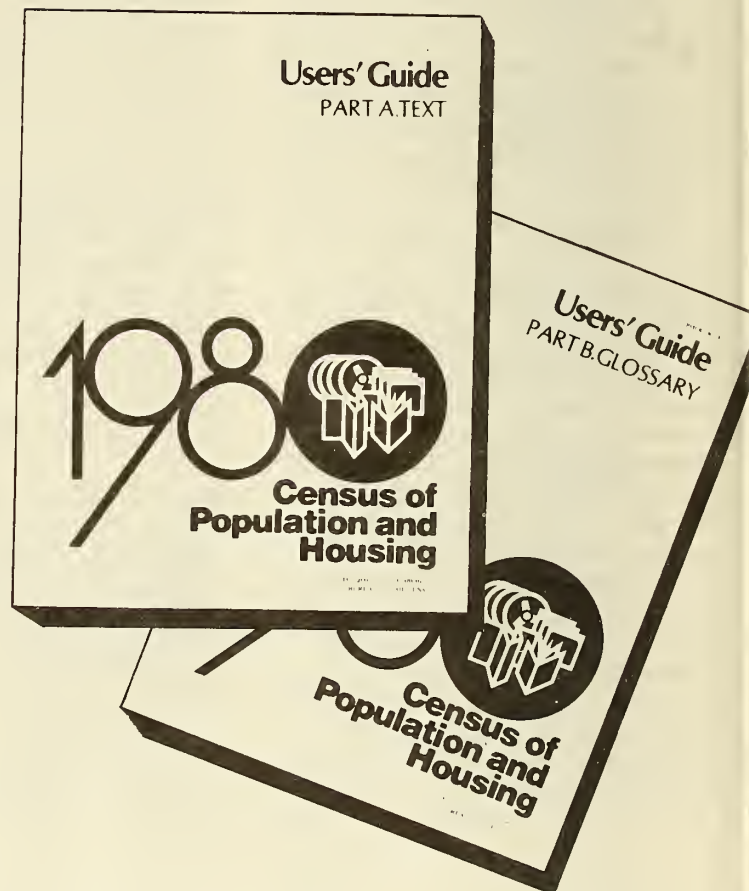
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

Census HD 7293 .A56x
1983 v.2 pt.368 c.2
Census of housing (1930).

1930 census of housing.

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Official Business

Penalty for Private Use, \$300



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

Special Fourth-Class
Rate—Book

